

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.





62.09

*The Charm of*

Ch

LIBRARY  
RECEIVED

☆ FEB 15 1952 ☆

U. S. Department of Agriculture

# *Chrysanthemums*



PHILADELPHIA  
SEQUOIA

NEW PHILADELPHIA

BLANCHARD GARDENS

SAN DIMAS  
CALIFORNIA

1 9 5 2



## TO OUR PATRONS

It has been a pleasure and a privilege to serve you these many years. May these happy relationships continue in the future. We have moved our gardens to a larger and better location and will continue to serve you with the best.

## BLANCHARD GARDENS

501 S. Walnut Ave.

Phone Lycoming 7-3891

SAN DIMAS, CALIFORNIA

## TERMS OF SALE

## Important—Read Carefully Before Ordering

**Quotations:** The prices quoted herein are payable in U. S. currency and are as low as can be made for strictly first class merchandise. **Three per cent sales tax** must be added to the cost of all orders for delivery in the state of California. This list cancels all previous quotations.

**Time of Shipment:** Plants are shipped as soon as available, normally from April 15th throughout May and June.

**Filled Orders:** All orders are filled in strict rotation, carefully labeled, lightly and securely packed and delivered to the carrier in good condition. In case our stock of numerous listed varieties is exhausted, we reserve the right to cancel the order. To avoid the need of such action, order early. Assist in prompt delivery by using order sheet and **NAMING A SECOND CHOICE WHEN SUBSTITUTION IS PERMISSIBLE.**

## READ VERY CAREFULLY

**SHIPMENTS:** If plants are to be shipped by parcel post, please add cost of postage as per schedule below. All prices quoted are F.O.B. San Dimas, California. **Suggest Air Parcel Post in Zones 7 and 8.**

**SPECIAL DELIVERY WILL EXPEDITATE THEIR MOVEMENT.** For this service 35 cents up to 2 pounds, 45 cents up to 10 pounds, and 60 cents above 10 pounds must be added to the basic rate.

A charge of 50 cents will be made for packing and handling of all orders less than \$2.00 in merchandise value. No C.O.D. shipments.

**Claims for Damage:** All claims for damage must be entered against the carrier by the buyer. Inasmuch as we have no control over the transportation agencies we cannot be responsible for plants damaged in transit by respective extremes in temperature, rough handling or injury due to delayed delivery.

**All claims must be made within 10 days from date of delivery accompanied by sufficient postage for such replacement. Refunds made after July 1st.**

**No Guarantee:** While we exercise utmost care to keep our stock true to name, we give no warranty, expressed or implied, and cannot guarantee or be in any way responsible for the crop, either as to variety or product. All orders are accepted on the above terms.

## AIR PARCEL POST RATES

## ZONES

Number of Plants	Weight in Pounds	1-2-3	4	5	6	7	8
1-15	1	\$ .60	\$ .65	\$ .70	\$ .75	\$ .75	\$ .80
16-32	2	1.08	1.15	1.26	1.39	1.47	1.60
32-54	3	1.56	1.65	1.82	2.03	2.19	2.40
55-75	4	2.04	2.15	2.38	2.67	2.91	3.20
76-95	5	2.52	2.65	2.94	3.31	3.63	4.00

## PARCEL POST RATES

## ZONES

Number of Plants	Weight in Pounds	1-2	3	4	5	6	7	8
1-8	1	\$ .17	\$ .17	\$ .19	\$ .21	\$ .23	\$ .25	\$ .27
9-24	2	.20	.21	.24	.28	.33	.37	.41
25-36	3	.22	.24	.29	.35	.42	.48	.55
37-48	4	.25	.28	.34	.42	.51	.60	.69
49-60	5	.27	.31	.38	.48	.60	.71	.83



# Standard Feather and Spider Varieties

## PRICE OF ROOTED CUTTINGS

(Unless Quoted Otherwise)

Each .....	\$ .35
3 of One Name .....	1.00
6 of One Name .....	1.85
12 of One Name .....	3.50

**AGNES**—(Our 1944 introduction). A strikingly beautiful pale orchid pink spider. Fine tubular petals widening near the ends, curling ribbon like and show to advantage the barbs of an attenuated fishhook tip. Good foliage and stem. Mat. Nov. 5 (See illus. below.)

50 cents each; 3 for \$1.35

**ALBERT WITT**—This lovely deep yellow sport of "Bess Witt" is a good clean grower. Long straight tubular petals which have the same character of the parent plant. Medium height. Mat. Oct. 10.

**AMARANTH ROSE**—(Our 1951 introduction). The name "Amaranth Rose" describes the color of this gorgeous fluorescent bloom. The long slender tubes terminate in very small open spoon tips and when well disbudded will be over eight inches in diameter. Tall. Mat. Oct. 20. (See illus. page 7.)

50 cents each; 3 for \$1.35

**ANTOINETTE BUSH**—White. Large long tubular petals with fishhook tips cascading from a very full center. Tall. Mat. Oct. 20. (See illus. page 37.)

**AUTUMN QUEEN**—(This is one of our 1950 introductions). A large orchid pink flower most distinctive in type. Well arranged wide tubes radiating from a full center and forming a well shaped open bloom. Tall. Mat. Oct. 20. (See illus. page 6.)

50 cents each

**BERTHA OLIVER**—(Our 1934 introduction). A deep pink spider with large tubular petals. The inner surface of each widely opened fishhook tip is richly lined with amaranth red. Med. hgt. Mat. Oct. 25.

**BESS WITT**—A pleasing combination of apricot bronze and salmon pink. Has long straight tubular petals. Med. hgt. Mat. Oct. 10.

**BUNBU**—Large tube, deep pinkish lilac in color. Diameter 12 inches. Tall. Mat. Nov. 1 (See color illus. page 11.)

**CATHAY**—This large tube spider, with its soft delicate shades of Champagne with open tips of brilliant red, is very striking in appearance. Fine stiff stems with food foliage. Med. hgt. Mat. Oct. 25. (See illus. page 5.)

50 cents each; 3 for \$1.35

**COPPER ROCKET**—This fascinating flower is an exquisite buff, deepening in the center. The long tubular petals open into a spoon of lovely tan. There is a lilac sheen over all. Med. hgt. Mat. Nov. 5. (See illus. page 4.)

50 cents each; \$5.00 per doz.

**DAINTY WHITE**—A dainty, pure white spider with slender, tubular petals. The tips are barbed and gracefully curled. Med. hgt. Mat. Oct. 25. (See illus. page 5.)

**DAYBREAK**—(Our 1951 introduction). This unusual bloom is very difficult to describe. In color, it is a soft delicate shade of pink. Its formation is quite irregular—the petals being wide apart and of varying lengths. The beauty of this bloom is greatly enhanced by the gracefully upturned barbed hooks terminating its slender tubular petals. Med. hgt. Mat. Oct. 25.

**EMERALD ISLE** — (Our 1949 introduction). When this flower opens the general effect is light green. This dainty thread-like tube undergoes such rapid changes in color as it matures, that a definite description is hard to give. The color is really a uranium green shading out to a creamy white and creating a beautiful symphony in color. Med. hgt. Mat. Nov. 1. (See color illus. page 14.)

\$1.00 each; 3 for \$2.75

**FRANCES KNIRSCH**—(Our 1951 introduction). A medium size, fine tubed buff colored spider with very full petals extending slightly upward. The tips are the conventioinal fishhook type, the open ends of which are bright red in color. Med. hgt. Mat. Oct. 20. (See illus. page 4.)

50 cents each

**GEORGINA HEDINGER**—(Our 1946 introduction). This gorgeous florescent plume may aptly be termed a symphony in pink. Start with the brightly colored crowning mass of short, curly petals and follow downward along the smooth expanse of slender, graceful tubes to their termination and you will have run the full scale of pinks in all their variations. Has large, open fishhook tips innerlined with crimson amaranth. Med. hgt. Mat. Nov. 1. (See color illus. page 11.)

50 cents each; 3 for \$1.35



AGNES



**COPPER ROCKET**

**GOLDEN WONDER**—(Our 1944 introduction). A flower that is aptly named, for verily it is a golden wonder. It has the conventional slender, tubular petals with slightly upturned fishhook tips billowing downward from an unusually deep full center. Med. hgt. Mat. Nov. 10. (See illus. below.)

**ITO PINK**—One of the very best spider types for cut flowers. Full center with long quilled petals cascading downward. A medium pink throughout. Med. hgt. Mat. Nov. 1. (See color illus. page 19.)

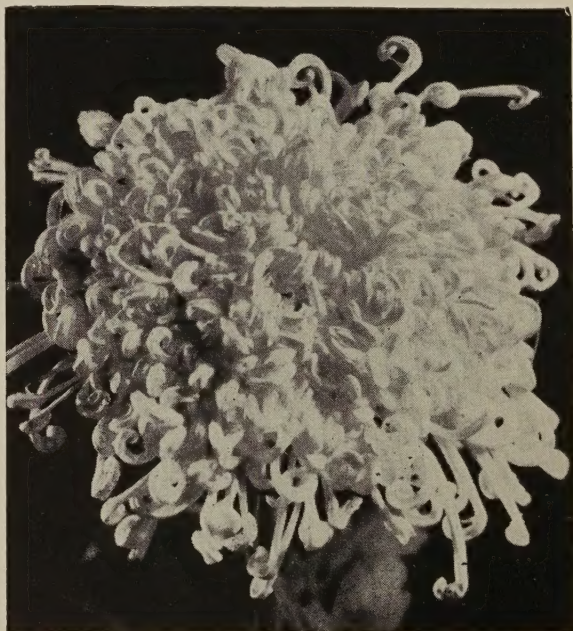
**50 cents each****GOLDEN WONDER****FRANCES KNIRSCH**

**JEAN RANGER**—Charming shade of soft pink. Has a full center and a wide spread of medium tubular petals shod with sharply barbed hooked tips. Tall. Mat. Nov. 15.

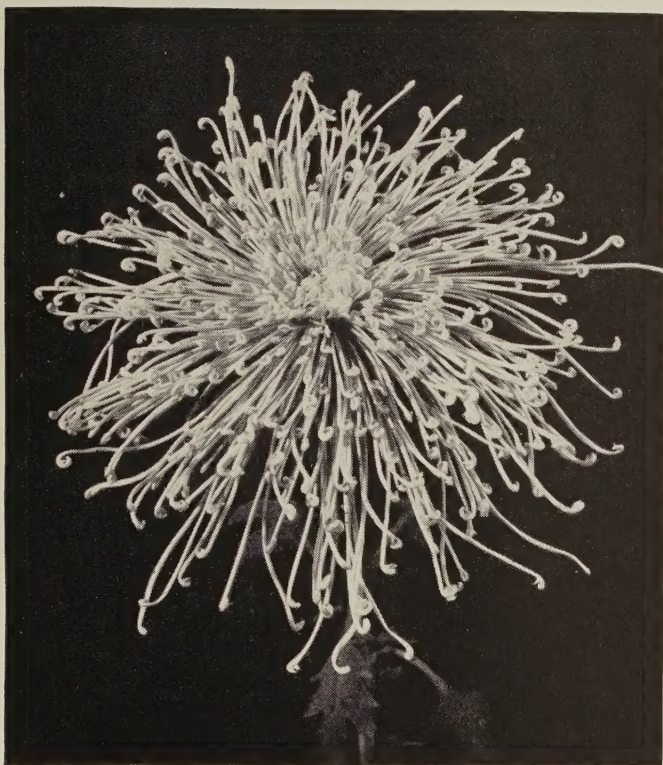
**75 cents each**

**KATHERINE LOUISE**—Delicate orchid. Large tubular petals terminate in open tips which hook slightly upward and show a darker shade of orchid within. Med. hgt. Mat. Nov. 15 on. (See illus. page 7.)

**KAY TASHIMA**—Giant size white. Large tube. Fishhook tipped. Mat. Oct. 1. (See illus. below.)

**KAY TASHIMA**



**LAVENDER BEAUTY**

**LADY BIRD**—Medium orchid pink throughout. Probably this is the most slender threadlike spidery variety we have ever seen. Med. hgt. Mat. Oct. 5.

**50 cents each; 3 for \$1.35**

**LAVENDER BEAUTY**—(Our 1942 introduction). —Very large light lavender with medium tubes. Open fishhook tips curl slightly upward, showing to advantage purplish amaranth within. Med. hgt. Mat. Oct. 15. (See illus. above.)

**LORRAINE**

**LORRAINE** — Large lemon yellow spider of quality. Excellent quilled petals terminate in open spoon tips curling inward. Tall. Mat. Oct. 20. (See illus. above.)

**50 cents each**

**MAMORU**—A bright orange bloom shading inward to a rich orange-bronze center. Has excellent keeping qualities, an abundance of lively green foliage and tall stiff stems. Ideal as a cut flower. Mat. Oct. 30. (See illus. page 7.)

**50 cents each; 3 for \$1.35**

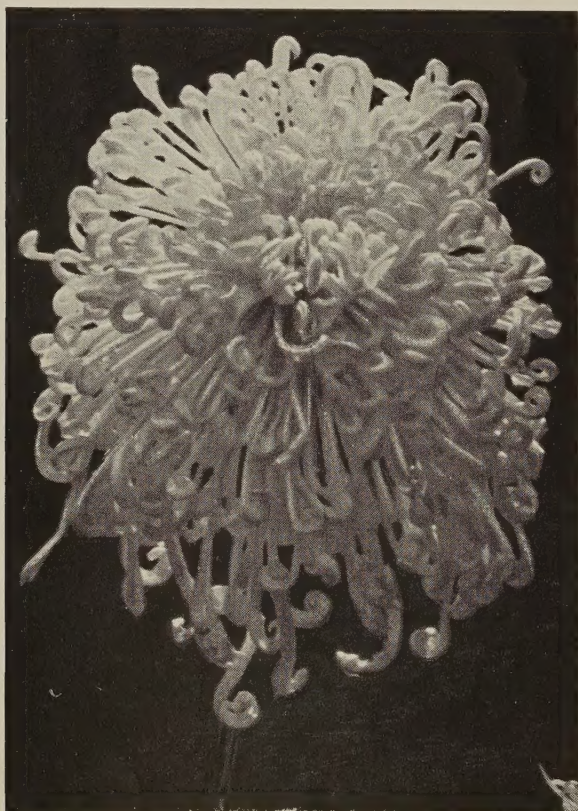
**DAINTY WHITE****CATHAY**



**AUTUMN QUEEN**

**MARIA**—A rich creamy flower with a pronounced greenish overcast. Has large tubular petals terminated by slightly barbed, reflex tips. In full bloom an open center displays a contrasting bright yellow disc. Responds to disbudding. Med. hgt. Mat. Oct. 15. (See color illus. page 14.)

**MARIE TASHIMA**—White. Large tube. Fishhook tips. Diameter 12 inches. Mat. Oct. 5. (See below.)

**MARIE TASHIMA****MORGAN'S WHITE**

**MAUVE**—A wine red spider with slender, tubular petals cascading downward from a very full center. As a departure from the conventional fishhook type this bloom has a combination of closed tubes, plain hook tips, fishhook tips and spoon tips. A charming bloom as well as unusual. Tall. Mat. Nov. 1.

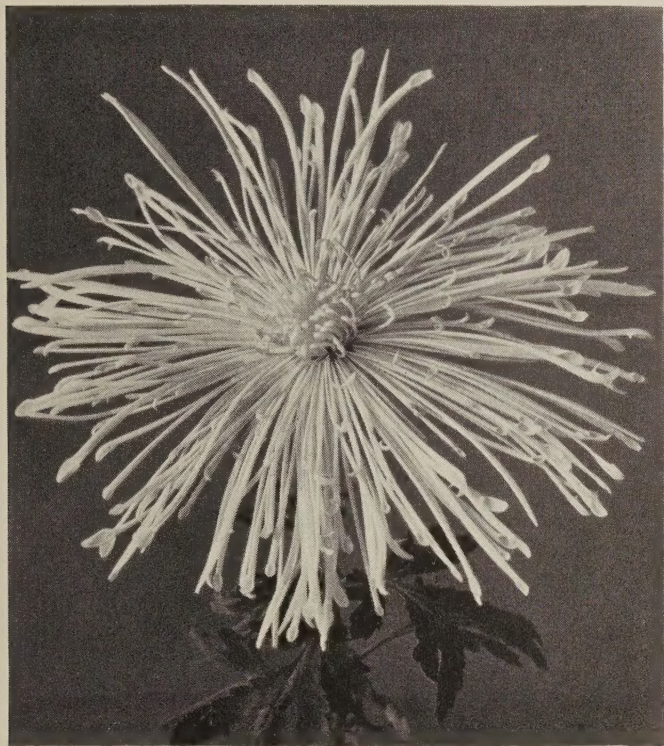
**MELODY**—Clear, deep yellow with large tubular petals radiating horizontally from a full center. Open hooked tips curve gracefully upward. Med. hgt. Mat. Oct. 10.

**50 cents each; 3 for \$1.35**

**MISS GENA HARWOOD**—Rosy mauve. Sport from Rayonnante. Tall. Mat. Oct. 15. (See color illus. page 11.)

**SUSAN LEIGHTON**



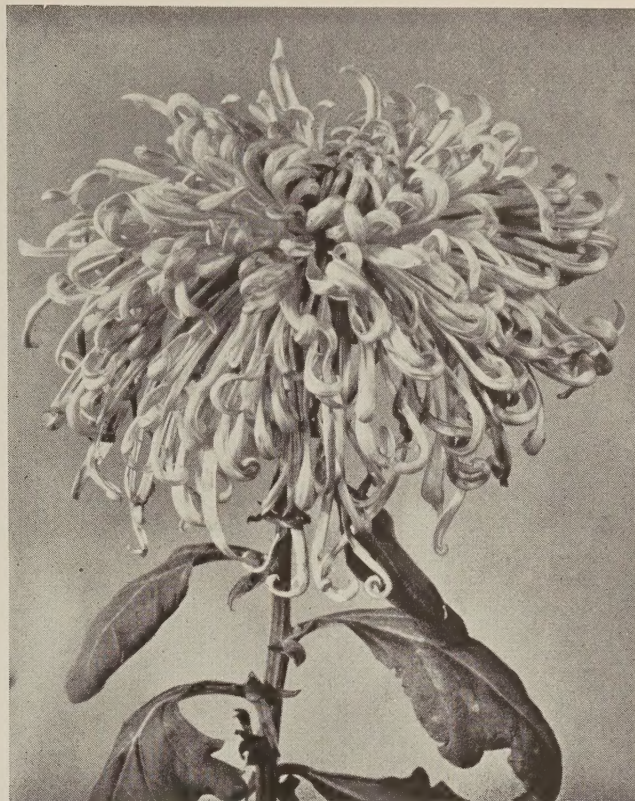


AMARANTH ROSE

**MITSUKO**—A fascinating French gray spider with fullness of center and symmetry of form. Has long slender tubes and bright lavender terminal ringlets innerlined with brilliant red. Med. hgt. Mat. Nov. 10.

**MORGAN'S WHITE**—A pure white spider of excellent quality. Fishhook tips terminate the long quilled petals which billow downward gracefully. Med. hgt. Mat. Oct. 15. (See illus. page 6.)

**PALI**—A very delicate pink spider with long ribbon-like petals cascading downward from a full center of a darker shade. The open, hooked tips curl gracefully upward. Is a tall grower with stiff stem and excellent foliage. Mat. Nov. 1. (See illus. above.)



PALI

**PATRICIA GRACE** — Long, cord-like petals. Delicate rose-pink of exquisite shade. When disbudded attains a size of 12 inches. Med. hgt. Mat. Oct. 15.

**PEACE**—(Our 1951 introduction). Medium tube petals of deep yellow with a barbed open spoon showing a carmine red within. Tall. Mat. Nov. 5.

50 cents each

**PEGGY ANN HOOVER**—Light delicate pink with straight medium tubes. An old number, but still a great favorite. Med. hgt. Mat. Oct. 25.

**PRIMA DONNA** — (Our 1951 introduction). A very large pure white spider with medium tubes terminating in slightly upturned open fishhook tips. When disbudded will attain a size to 7 inches or more. Med. hgt. Mat. Oct. 15.

75 cents each



MAMORU



KATHERINE LOUISE



**PUNCH BOWL**

**PUNCH BOWL**—A rich burgundy red spider with medium tubes gently falling away from a deep full center. Tips are open, hooked and tightly curled upward. The answer to a true chrysanthemum lover's dream of perfection. Med. hgt. Mat. Nov. 1 (See illus. above.)

**PURE GOLD**—(Our 1951 introduction). This fine tube spider, with its lovely old gold color in the center, shades off to chrome yellow at the ends of the petals. The tiny open spoon tips show a bit of red which greatly adds to its beauty. Med. hgt. Mat. Oct. 15. **50 cents each; 3 for \$1.35**

**QUEEN OF BEAUTY**—(Our 1949 introduction). A flower of outstanding merit. When fully matured the long petals form a complete ball. They are tipped with rich cream white while the main color is pinkish-lilac, with mauve shading in the petals near the center. A most unusual color scheme. Blooms eight inches in diameter. Tall. Mat. Nov. 1. (See color illus. page 14.)

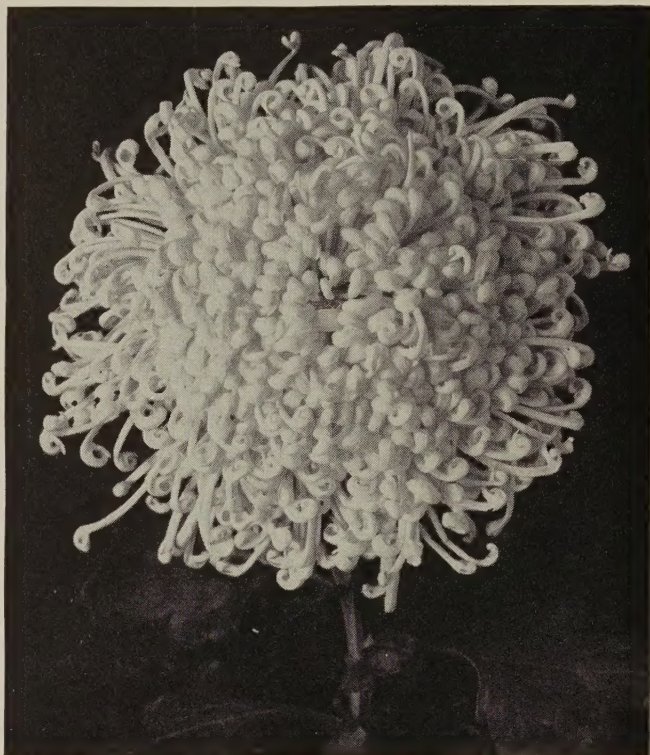
**50 cents each; 3 for \$1.35**

**RAYONNANTE** — Pale rose-pink. Long, cord-like petals. Med. hgt. Mat. Oct. 15. (For type see Miss Gena Harwood, page 11.)

**ROYAL APRICOT** — (Our 1951 introduction). The petals are apricot bronze in color. Some are quilled and feathery in type, some are spoon-tipped and others are tubulated. The large open spoon shows a deep rose red of great brilliance. Tall. Mat. Oct. 20. **50 cents each; 3 for \$1.35**

**SARAH MORASCH**—The color of this charming spider is a peony purple with carmine shading. An airy graceful flower with long slender petals ending in an orchid fishhook tip. It carries the characteristics of one of its parents—Punch Bowl. Med. hgt. Mat. Oct. 25.

**SOUVENIR** — Light salmon pink. Large tube. Tall. Diameter 12 inches. Mat. Oct. 25. (See full color cut on back page.)

**SNOWY**

**SNOWY**—A good late pure white spider with very slender tubes terminating in upturned hooked tips. An excellent example of the fishhook type. Tall. Good foliage. Mat. Dec. 1. (See illus. above.)

**SUSAN LEIGHTON** — A strikingly beautiful pure white spider. Fine tubular petals widening near the ends and showing to great advantage the barbs of an attenuated fishhook tip. Med. hgt. Mat. Oct. 25. (See illus. page 6.)

**50 cents each; 3 for \$1.35**

**SYLVIA**—(Our 1942 introduction). A deep solid pink heightened by a delicate tracery of lavender. Large tubular petals falling away from a very full center. Tips of petals are hooked and open showing red within. Med. hgt. Mat. Oct. 15.

**50 cents each; 3 for \$1.35**

**THERESE**—(Our 1951 introduction). A very fine tube spider of merit. The color a soft golden bronze, brushed with red which when well disbudded makes a lovely bloom. Med. hgt. Mat. Nov. 5.

**WAIKIKI**—A very large and full bronze spidery incurve with fishhook tips of a rich golden color. An outstanding specimen of this type of chrysanthemum. Has a rigid stem and good foliage. A tall grower. Mat. Nov. 1. (See color illus. page 11.)

**50 cents each; 3 for \$1.35**

**YELLOW RAYONNANTE**—This new sport of the Rayonnante group is a very lovely brilliant yellow. Tall. Mat. Oct. 15.

## GARDEN AND GREENHOUSE CHRYSANTHEMUMS

By **ALEX LAURIE** and **D. C. KIPLINGER**

We sell and recommend this book. Persons seeking further technical information on Chrysanthemums will find this volume interesting and helpful. Price \$2.50 postpaid.



## Odd Varieties and Interesting Forms



**ORIANA**

**BALLERINA**—(Our 1950 introduction). The color is a deep cyclamen purple. Petals, some of which are almost an inch wide, form an exquisite ball shaped bloom well over 6 inches in diameter. At full maturity a deep yellow center adds greatly to the artistic beauty of this bloom. This is one of the loveliest flowers we have ever brought to maturity from our seed beds. Med. hgt. Mat. Nov. 1.

**\$1.00 each**

**CANARY BIRD**—(Our 1951 introduction). Narrow yellow petals opening into long spoon tips which usually show within a soft reddish or bronze tinge. Tall. Mat. Oct. 15.

**35 cents each; 3 for \$1.00**

**DAINTY ROSE**—(Our 1951 introduction). A small showy flower with varying shades of rose pink coloring. Has tiny cupped petals which form in four or five rows. Grows in great profusion on tall stems. Mat. Oct. 10.

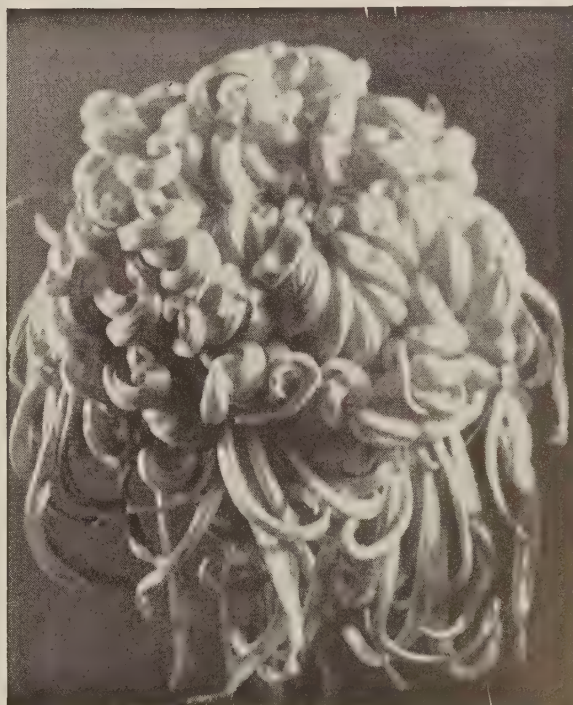
**35 cents each; 3 for \$1.00**

**DESERT MAID**—An interesting variety that responds to disbudding with amazing results. The flowers thus obtained are hemispherical in shape. The petals are flaming red with a silvery white to a buff-yellow reverse. Med. hgt. Mat. Nov. 1.

**35 cents each; 3 for \$1.00**



**PINK EXQUISITE**



**KEGON NO TAKI**



**ENSENADA**—The color of this splendid bloom undergoes a gradual change from brilliant Indian red to a terra-cotta red as it reaches maturity. Has good foliage and stiff stems. Med. hgt. Mat. Nov. 1. (See color illus. page 14.)

**35 cents each; 3 for \$1.00**

**FANTASIA** — A large white flower most distinctive in type. A fantastic arrangement of slender, quilled petals open into long, gracefully reflexed semi-spoon tips. Has a pronounced central golden disc. Tall. Mat. Nov. 5. (See illus. below.)

**35 cents each; 3 for \$1.00**

**HIAWATHA**—(Our 1951 introduction). The long tube petals of soft buff open into an extended spoon of over an inch in length. The inside of this spoon shows a deep magnolia purple seemingly washed with gold. Five inches in diameter. Tall. Mat. Oct. 10.

**75 cents each**

**KEGON NO TAKI**—Bright yellow, of unusual formation. Lower petals reflexed, balance incurved and twisted. Tall. Mat. Nov. 1. (See illus. page 9.)

**50 cents each**

**LAVENDAR TAGGARTS** — Has an outer halo of lavender gradually shading inward to a delicate orchid pink. Has tubulated petals covered with fine hairlike spines. Tall. Mat. Nov. 1. (See illus. page 29.)

**50 cents each**

**LIMELIGHT** — (Our 1951 introduction). Lovely cream white single with 5 rows of petals. Blooms in great profusion giving a good cut flower with good stems. Tall. Mat. Oct. 15.

**35 cents each; 3 for \$1.00**

**ORIANA**—An orange bronze. Has triple row of tubular petals, the hooked and open tips of which are slightly reflexed. Has open center showing a bronzy button. Tall. Mat. Nov. 30. (See illus. page 9.)

**50 cents each; 3 for \$1.35**

**PINK EXQUISITE**—This wonderful bloom is aptly named, as it is a most enticing, exquisite shade of pink. Reflex petals radiate from a unique swirling central mass. Is best when disbudded. Med. hgt. Mat. Nov. 1. (See illus. page 9.)

**35 cents each; 3 for \$1.00**



**SUNSPOT**

**SUNSPOT**—Closely spaced white tubular petals of varying length radiate from a central bronzy disc. The tubes terminate in slightly barbed, open and tightly curled hooks. Tall. Mat. Nov. 1. (See illus. above.)

**75 cents each; 3 for \$2.00**

**WILLIAM ALEXANDER**—(Our 1951 introduction). Pure white. Large tubular petals terminate in open tips which hook slightly upward and radiate from a central yellow button. Med. hgt. Mat. Oct. 1. (See illus. below.)



**FANTASIA**



**WM. ALEXANDER**





**GEORGINA HEDINGER**



**MISS GENA HARDWOOD**



**WAIKIKI**



**BUNBU**



# Large Flowering Exhibition Varieties

## PRICE OF ROOTED CUTTINGS (Unless Quoted Otherwise)

Each .....	\$ .30
3 of One Name .....	.85
12 of One Name .....	3.00

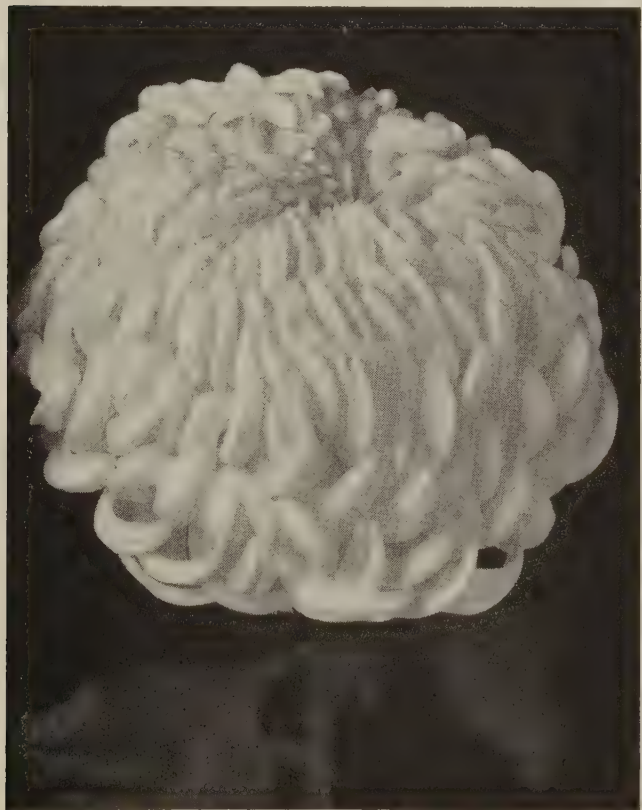
**A. L. PERRY—(Australia).** This large wine color bloom with silver reverse is one of the choicest of exhibition blooms. We have never grown its equal. It has been a blue ribbon winner in Australia for many seasons. Medium height. Mat. Oct. 25 **\$2.00 each**

**ARIEL—**A tightly incurved, silky white flower of majestic proportions and regal appearance. Med. hgt. Mat. Nov. 1. (See illus. below.) **50 cents each**

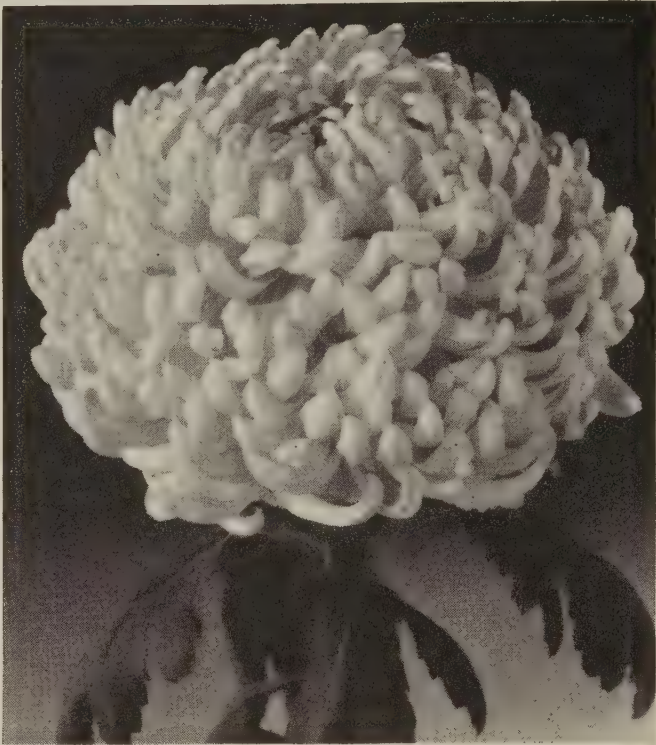
**BEN LEIGHTON—**A compact ball shaped bloom of excellent quality. The upper surface of petals is a clear deep wine red. The reverse side a lighter shade suffused with delicate silver. Has good stem and clean, glossy leaf. Med. hgt. Mat. Oct. 20. (See illus. page 16.) **75 cents each; 3 for \$2.00**

**CECIL B. LEIGHTON—**A large, delicate orchid pink with a deeper shade of orchid showing within the broad petals. This variety is medium in height and has dark green foliage. Mat. Oct. 15. (See illus. page 15.) **75 cents each; 3 for \$2.00**

**CLARA TRUEMAN—**Beautiful bright red with gold reverse. Though not a full centered flower at maturity, its large size will attract attention. Tall. Mat. Oct. 25.



ARIEL



FERN EDWARDS

**COLUMBIA—**This new unusual shade of orchid pink is a well formed incurved bloom of good quality. Med. hgt. Mat. Oct. 5.

**CORONATION AMARANTH—**A very large, French purple, loose incurve with a silvery mauve reverse. Very broad petals. Tall. Mat. Nov. 1. **75 cents each**

**CORONATION BUTTERCUP — (Australia).** A delightful and artistic flower of brilliant buttercup yellow. A very large loose incurve with broad petals which radiate perfect abandon. Excellent foliage and stem. Tall. Mat. Oct. 25.

**CORONATION PINK—(Australia).** An exquisite shade of fuchsine pink with narrow pointed petals. It has a fluffy appearance and groups well with other flowers in this color class. A bloom of great merit. Tall. Mat. Oct. 25.

**CORONATION YELLOW — (Australia).** This member of the Coronation group retains the shape and form of the parent plant, with the exception of color and the width of the petals. The petals are a little narrower and the color is a true aureolin yellow. Tall. Mat. Oct. 25.

**COUNTRY GENTLEMAN—**A compact incurved flower of brilliant yellow. Petals form a perfect ball. Med. hgt. Mat. Oct. 25.

**COUNTRY MAIDEN —** A compact incurved flower of apricot bronze. Petals form a perfect ball. Med. hgt. Mat. Oct. 25. (See illus. page 13.)

**DAME ENID LYONS — (Australia).** We have never grown an early blooming white of such exquisite beauty as this new variety. It is a firm bloom of soft cream white, and when disbudded will be very large. It is truly an outstanding addition to any garden. Med. hgt. Mat. Oct. 10. (See color illus. page 14.) **\$1.00 each**



**DOROTHY DEE**—An extremely large and full white flower with an exotic habit of development. A lower array of curling petals hangs suspended from a huge white ball. Tall. Mat. Nov. 5. (See illus. page 15.)

**DUCHESS OF KENT**—The grace and beauty of this soft cyclamen purple flower are a great tribute to the skill of Nature's artistry. The blooms are very large and slightly reflexed in type. Tall. Mat. Oct. 20. **75 cents each**

**ELEGANCE WHITE**—Pure white exhibition flower equal size to the "Turners" and "Pockets." Very full center and as a consequence, retention of terminal bud is preferred. Med. hgt. Mat. Nov. 1.

**FERN EDWARDS**—This magnificent bloom of vivid lilac has many characteristics of its parent—Wm. Turner. Has exceptionally good stem and foliage with excellent form and substance. Med. hgt. Mat. Nov. 25. (See illus. page 12.)

**50 cents each**

**GOOD GRACIOUS**—A large subdued yellow incurve in keeping with the name. The narrow flattened tabular petals curl and twist in a swirl that envelopes the bloom from top to bottom. A tall, sturdy grower with attractive foliage. Mat. Oct. 5.

**HILO**—Buff with a trace of pink which makes a most pleasing color contrast. Has excellent foliage and good stem. Med. hgt. Mat. Oct. 20.

**JULIET**—Very large deep shade of red with soft yellow reverse. A combination of color which is striking. Good foliage and stem. Med. hgt. Mat. Nov. 1.

**50 cents each**

**LOUISA POCKETT**—Purest white. Very large incurved. Med. hgt. Mat. Nov. 1. **50 cents each**

**MARIE MILLER**—This large luminous yellow flower when disbudded attains good size. Has broad well incurve petals, excellent foliage and a good stiff stem. Med. hgt. Mat. Nov. 10.

**MASUMI**—Beautiful shade of orchid pink. When the bud begins to open, the long tubulated lower petals droop like the spidery type, but fill gradually and complete the formation of a perfect ball. Good size. Tall. Mat. Nov. 1. **50 cents each; 3 for \$1.35**

**MIKADO**—Large incurved flower of cardinal red with a silky, golden reverse. Med. hgt. Mat. Oct. 25. (See illus. page 17.)

**50 cents each**

**MIKADO**—(Imp.) A new introduction. A beautiful incurved flower with crimson red petals showing a golden reverse. Full and large. Med. hgt. Mat. Oct. 25. (See illus. page 15.)

**50 cents each; 3 for \$1.35**

**MISS FRANCES LOWE**—This large incurved flower has the most unusual color. The closest description being crushed raspberry bronze. Has excellent foliage and stem. Tall. Mat. Nov. 1. (See illus. page 15.) **50 cents each; 3 for \$1.35**

**MRS. B. D. SPILMAN**—A large, apricot-orange reflex variety that may be groomed for competitive exhibition. Outstanding in its beauty of color and form. Med. hgt. Mat. Oct. 25.

**50 cents each; 3 for \$1.35**

**MRS. HARVEY S. FIRESTONE**—This very large bloom of chamois-buff with its brilliant oxblood red inner petals is an introduction of many years ago. Elmer D. Smith, the Dean of all 'Mum growers, considered this one of the finest of the exhibition type. Short. Mat. Oct. 25.

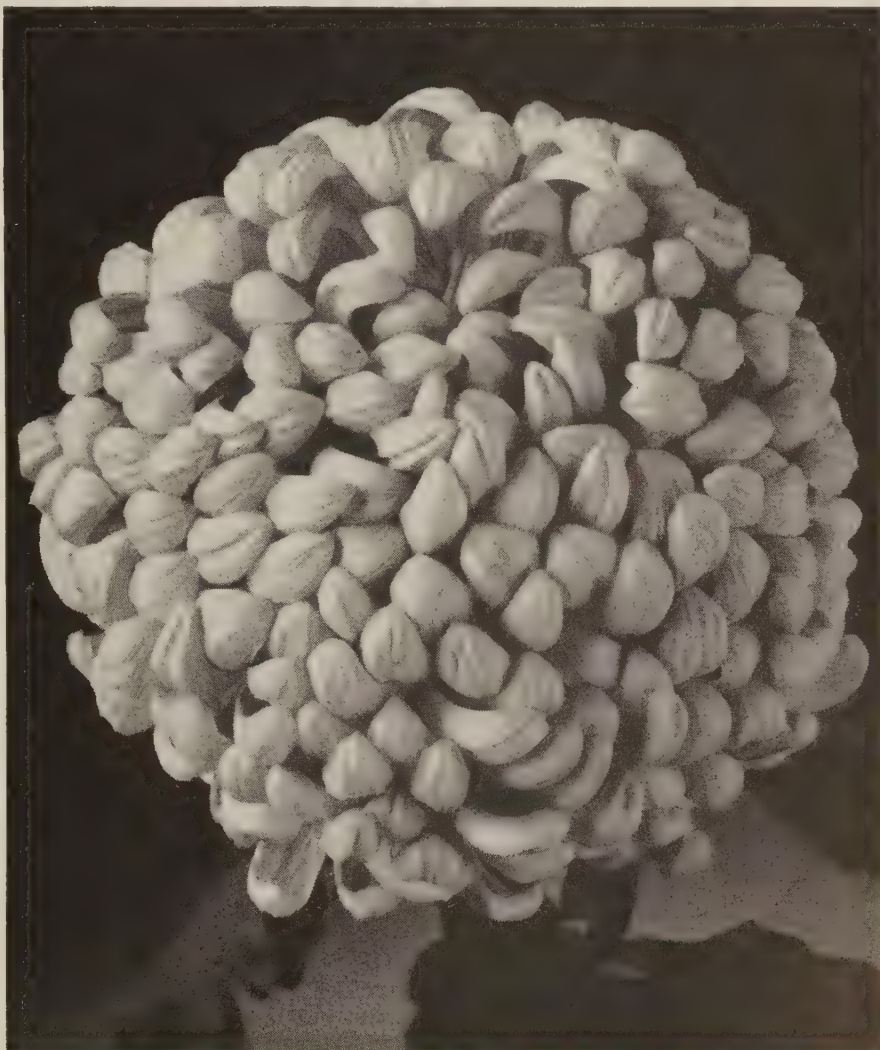
**NAGIRROC**—Golden bronze incurved. Center an exotic swirl of deeper tone. Striking in appearance. Med. hgt. Mat. Oct. 20.

**ORANGE BOWL**—(S.S. 1950). A reflexed flower of large size. The color is a most beautiful shade of warm bronze with an orange overcast. Tall. Mat. Oct. 10. (See illus. page 16.)

**50 cents each; 3 for \$1.35**

**ROMOLUS**—Brilliant crimson red. Semi-incurved. Very tall. Mat. Nov. 25. (See illus. page 17.) **50 cents each**

**THOS. W. POCKETT**—(Imp.). Hidden depth of color carries this variety through the long period of development from whence it emerges as one of the largest and finest dark pink flowers. Tall. Mat. Nov. 1. **50 cents each**



COUNTRY MAIDEN

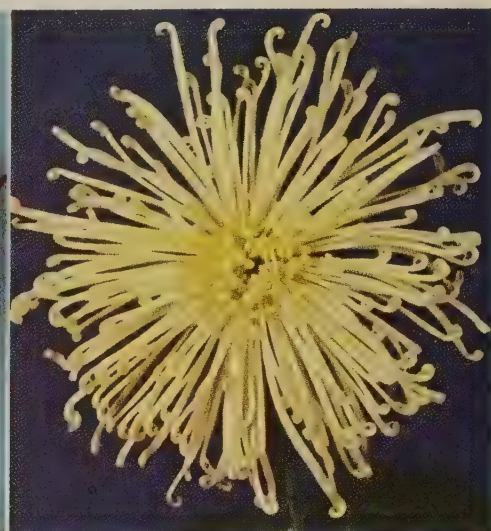




QUEEN OF BEAUTY



LE POCTOLE



MARIA



MISS HELEN FRICK

BRONZE FRICK



DAME ENID LYONS



VICTORY



EMERALD ISLE

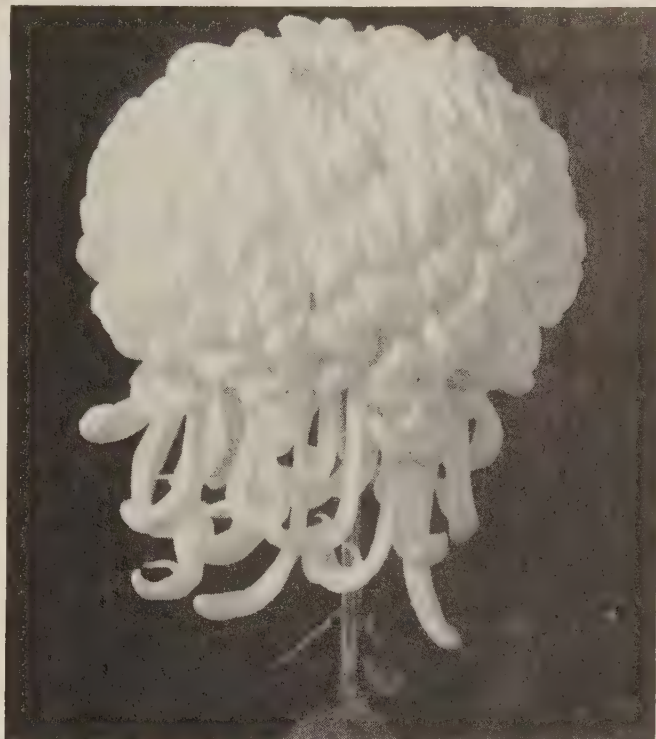


ENSENADA





MISS FRANCES LOWE



DOROTHY DEE

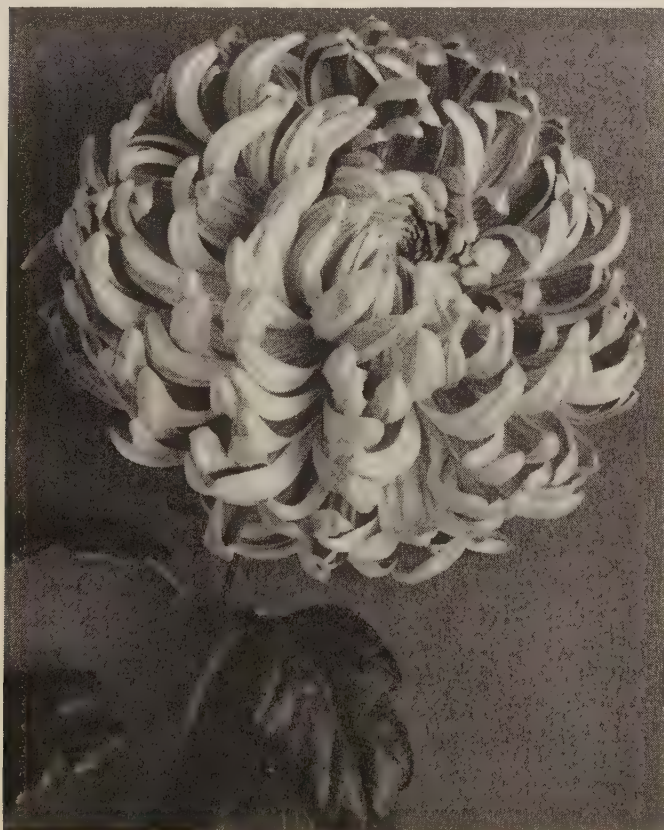
**TOM PURVIS**—(Australia). The flowers of this variety are of the reflex type. Color a distinct crimson of good brilliance with a light buff reverse. A very promising new variety which we welcome to this country. Med. hgt. Mat. Oct. 25.

50 cents each; 3 for \$1.35

**TURNER BRONZE**—A light bronze sport from the popular "Wm. Turner," identical in every respect except color. Med. hgt. Mat. Nov. 5.

**TURNER PINK**—(Mrs. L. Davies). This lovely shade of delicate pink is one of the most perfect of the exhibition type. Very large, has excellent formation with perfect petalage. Med. hgt. Mat. Nov. 5.

**TURNER YELLOW**—This true exhibition type is a sport from "Wm. Turner." A clear light yellow of good quality with the usual characteristics of the parent plant. Med. hgt. Mat. Nov. 5.

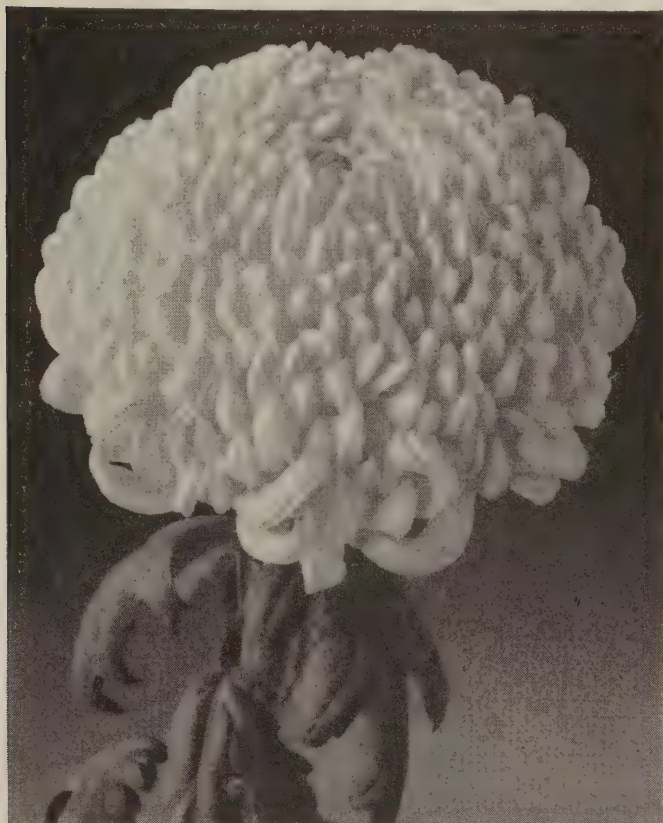


CECIL B. LEIGHTON

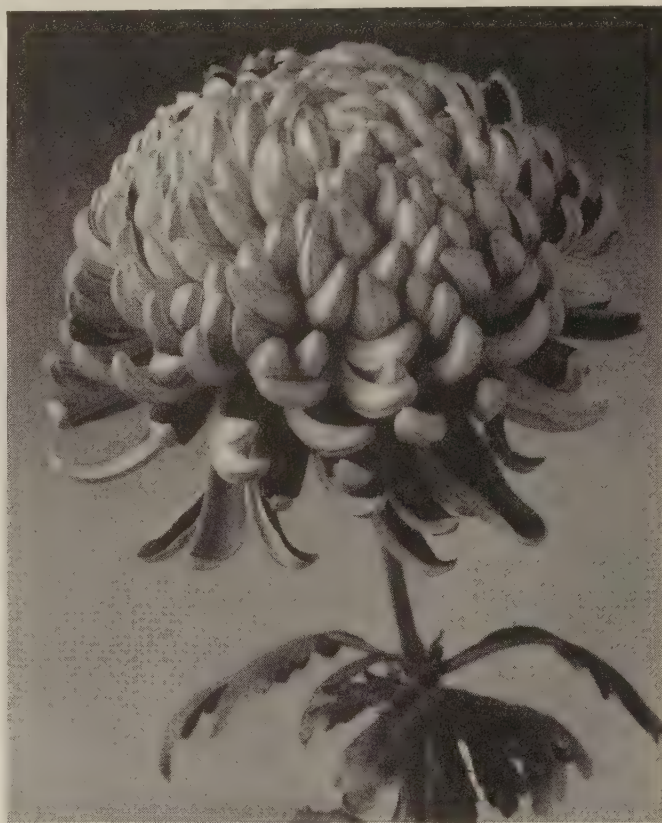


MIKADO-IMP.





WHITE BEAUTY



BEN LEIGHTON

**VANGUARD—(Australia).** This very artistic exhibition bloom of deep orchid purple has a lovely silver reverse. The combination of colors make this flower an outstanding addition to any garden. The blooms are well formed and have good stems and foliage. Med. hgt. Mat. Oct. 25.

**50 cents each; 3 for \$1.35**

**VICTORY—**A large true Chrysanthemum Red with soft golden reverse. The perfect combination of colors, plus the excellent petalage and incurved form pronounce this one of the very best. Med. hgt. Mat. Oct. 25. (See color illus. page 14.)

**50 cents each**

**WANDA OLMSTEAD—**Inside of the petal is an amaranth red, with the outside an iridescent lilac rose. A very well formed incurved bloom. Med. hgt. Mat. Oct. 25.

**\$2.00 each**

**WHITE BEAUTY—**A large, white incurved flower suffused with a delicate pink blush. With proper care this variety will develop into an incomparable lustrous ball. Med. hgt. Mat. Oct. 25. (See illus. above.)

**75 cents each; 3 for \$2.00**

**WM. TURNER—**One of the largest exhibition types. Pure white with wide petals which are so arranged as to make a perfect ball of about 7 inches in diameter. Although one of the oldest varieties grown, it is still a great favorite among all 'Mum fanciers. Med. hgt. Mat. Nov. 5.

**YELLOW POCKETT—**Light yellow. Large incurved. Med. hgt. Mat. Nov. 1.

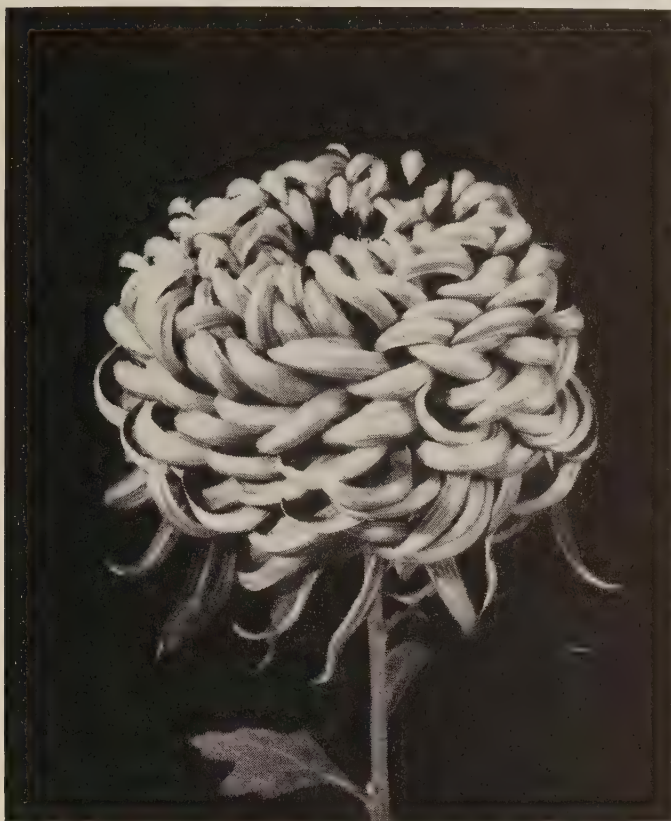
**35 cents each; 3 for \$1.00**

Many of the Exhibition varieties will grow taller than the regular Commercial types thus requiring heavier staking and planting further apart. Due to the fact that size is what we are striving for, we advise saving from one to three stems only. These are gross feeders.



ORANGE BOWL





ROMOLUS



MIKADO

## Importations From Holland

**DAY DREAM**—The pale salmon shade of pink brings out the beauty of this bloom. Fairly tall. Mat. Oct. 15. **50 cents each; 3 for \$1.35**

**ELEGANCE PINK**—This bloom is a true shell pink of excellent quality. Very large with beautifully shaped petals and to our knowledge one of the very best pinks. Med. hgt. Mat. Nov. 1.

**75 cents each**

**GAISFORD** — A clear deep rose pink in color. Petals of medium width forming a slightly reflexed ball of about five inches in diameter. A truly lovely bloom. Med. hgt. Mat. Oct. 20.

**50 cents each**

**HURRICANE** — This very early blooming brilliant red of velvety texture is most certainly an addition to any garden. Med. hgt. Mat. Oct. 1.

**50 cents each**

**LATE DELIGHT** — A very large stiff-petaled bloom of a delicate shell pink. Petals are broad and sharply pointed forming a very lovely bloom. Med hgt. Mat. Oct. 30. **75 cents each**

**MEFO CREAM**—Beautiful cream sport of Mefo. A distinguished color and a healthy grower. Best grown 2 stems to plant and use first crown bud. Tall. Mat. Oct. 25. **75 cents each**

**OCTOBER RED**—Carmine red with a soft gold reverse. Attains a size of 5 to 6 inches when disbudded. Med. hgt. Mat. Oct. 5. **50 cents each**

**PRINCESS IRENE** — Bordeaux red with silver lilac reverse. Excellent size and good foliage. Med. hgt. Mat. Oct. 25. (Please give an alternative.) **\$1.00 each**

**R. C. SPAARGAREN** — A large well shaped bloom of golden yellow with a blush of salmon. This variety is medium in height and has dark green foliage. Mat. Oct. 15. **50 cents each**

**ROGLI**—Pure white exhibition bloom of good quality and size. Best to use second crown bud. Petals are wide and well shaped. Tall. Mat. Nov. 1. **\$1.00 each**

**SCHWEIZERLAND**—A very large pure yellow with somewhat of a bronze glow in the center. An unusually fine bloom. Tall. Mat. Nov. 5. **75 cents each**



# Large Flowering Commercial Varieties

## PRICE OF ROOTED CUTTINGS (Unless Quoted Otherwise)

Each .....	\$ .25
3 of One Name .....	.70
12 of One Name .....	2.50

## BRONZE

**APRICOT MAY WALLACE** — Incurved. Distinctive shape. Pastel shade of apricot. Tall. Mat. Nov. 15.

**BRONZE FRICK** — Apricot shade of bronze with lighter reverse. Incurved. Med. hgt. Mat. Nov. 20. (See illus. page 14.)

**EMPEROR** — A rich bronzy-red with buff reverse. Good healthy foliage and strong stem. Med. hgt. Mat. Oct. 25.

**GOLDEN BRONZE** — A glistening, golden bronze incurve of more than passing merit. The flowers are compact, very large and perfectly formed. Tall. Mat. Oct. 25.

**HILDA BERGEN** — A beautiful deep mahogany bronze incurved. Medium size spherical blooms that ride well on clean stiff stems with attractive foliage. Med. hgt. Mat. Oct. 25.

**INDIANOLA** — A translucent amber bronze reflex. Med. hgt. Mat. Oct. 10.

**MONGOL** — A full, golden bronze incurve producing large, compact spherical blooms on good stiff stems. Med. hgt. Mat. Oct. 25.

**SUNNYSLOPE BRONZE** — An excellent large compact golden bronze. It is a perfect incurved bloom and is an excellent keeper. Med. hgt. Mat. Nov. 1. **35 cents each; 3 for \$1.00**

## PINK

**ARISTOCRAT** — A well shaped orchid pink incurved bloom with a deeper pink reverse. Stiff stem with deep green foliage. Tall Mat. Nov. 20. (See illus. page 20.) **50 cents each; 3 for \$1.35**

**EARLY OCTOBER ROSE** — A soft, delicate shade of orchid pink incurved bloom, which comes into full maturity about Sept. 25. Med. hgt.

**ENCHANTRESS** — This lovely rose pink incurved bloom is one of the best of the early bloomers. The petals form a good well shaped ball, held on stiff stem with good foliage. Med. hgt. Mat. Oct. 25.

**GRAND DUCHESS** — (This is one of our 1950 introductions). We have never grown a 'Mum from seed to maturity which has given us so much pleasure. The bloom is a little deeper shade of orchid than Miss Helen Frick and the outside of the petals are the same tone of orchid but a shade or so lighter. We have found this bloom to be an excellent keeper. Tall. Mat. Oct. 20. (See illus. page 21.) **75 cents each**

**GREER GARSON** — A pink reflex of good size. Center has an exotic swirl which is responsible for an intriguing interlacing of the petals that complete the formation of the bloom. Luxuriant foliage and strong stem. Tall. Mat. Oct. 25.

**J. W. PRINCE** — An excellent pink of good size. It is entirely devoid of any trace of lavender, orchid or any other tone or tint that would form grounds for the old controversial subject of pink or what have you. Med. hgt. Mat. Nov. 1. (See illus. right.)

**MAJOR EDWARD BOWES** — Color rosy pink, brighter than J. W. Prince, and when under artificial light is greatly intensified. Fully double, well formed and about six inches in diameter. Med. hgt. Mat. Oct. 16.

**MISS HELEN FRICK** — Large incurved orchid pink. Med. hgt. Mat. Nov. 20. (See color illus. page 14.)

**PINK CHIEF** — A lively rose pink, truly commercial in character. A tall straight grower. Mat. Oct. 15.

**ROSABELLA** — This large pink incurved bloom is no doubt one of the very best early blooming varieties. Firm, tightly incurving petalage insures lasting quality. Tall. Mat. Oct. 25.

**ROSE ANNA** — (Our 1951 introduction). The broad petals are a rich shade of magenta rose with a very soft delicate shade of tan on reverse side. Attains a size of 5 to 6 inches when disbudded. Will be a great favorite when better known among 'Mum fanciers. Med. hgt. Mat. Oct. 15. **35 cents each; 3 for \$1.00**

**WISTFUL** — A lovely soft shade of Cattleya pink. The center of the flower has very broad petals, and the edge of the petals curl back giving a sharp pointed effect, which makes a most artistic type of flower with its pink reverse. Blooms 4 to 5 inches across. Med. hgt. Mat. Nov. 10. **\$1.00 each**



J. W. PRINCE





ITO PINK



LILLIAN FOLTZ



Top—Minuet  
Lower Left—Robin Hood

Center—Illini Snowflake  
Lower Right—Barcarole



STELLA



## WHITE

**ALBATROSS** — Large, full, glistening white. Tall. Mat. Oct. 25.

**CHRISTINA**—This is an excellent medium size incurve bloom. Good clear white with fine foliage and good stems. Med. hgt. Mat. Oct. 5.

**EARLY FROST** — Very full fair sized bloom having wide flat petals with sharp points. Excellent early bloom useful as a seasonal cut flower. Good foliage. Med. hgt. Mat. Oct. 10.

**MEFO**—Pure white bloom of very fine characteristics. Grows quite tall having excellent stems and foliage. Mat. Oct. 25.

35 cents each; 3 for \$1.00

**MISS FLORA BOWERS**—Large white incurved; 7½ inches in diameter. Hgt. 4 ft. Mat. Nov. 25. (See illus. page 33.)

**QUAKER MAID**—A large fairly compact white incurved bloom. In great demand for a cut flower, although it is an oldtimer, its early blooming date is to an advantage sometimes. Med. hgt. Mat. Oct. 15.

**SILVER SHEEN**—A satiny pure white incurved. Excellent keeper. Mat. Oct. 20.

**SNOW WHITE**—Incurved with satiny white sheen. Med. hgt. Mat. Nov. 1. (See illus. page 26.)

**STROMNESS** — A snow white sport of Greer Garson. A reflexed bloom having a most intriguing central swirl. Good keeper. Best raised as a China mum. Good strong stem and excellent foliage. Matures normally around Oct. 25. Med. hgt. (See illus. page 25.)

**VENUS**—A striking, large incurved ball. Occasionally comes out with a pale orchid blush Tall. Mat. Oct. 10.

**WHITE CHIEF**—A perfect incurved type of exquisite beauty. Has good keeping qualities and gives us a good early bloom. Med. hgt. Mat. Oct. 15.

**WHITE HELEN FRICK**—Satiny white incurved. Short. Mat. Nov. 20. (See illus. page 21.)

## RED

**BLACK HAWK**—Reflexed. Similar to Harvard, except deeper in color and the lack of serrations of semi-quilled petals. Med. hgt. Mat. Nov. 20.

**GARNET KING** — True reflexed, Garnet red. Petals about center tipped with bronze. Med. hgt. Mat. Nov. 25.

**GOV. GREEN**—A large, semi-incurved variety that will produce maximum results with a minimum of care. The petals are bright red with gold reverse. Med. hgt. Mat. Nov. 15.

**GRACE HAYNES**—A large, smoldering red incurve with a glistening silvery mauve reverse. The most fascinating number we have ever nursed along from the seed bed to a final settled condition. Has good stem and large, glossy leaf. Tall. Mat. Nov. 5.

50 cents each; 3 for \$1.35

**MOHAWK CHIEF**—A rich dark red reflex flower with a buff reverse. Has wide flat petals which taper to sharply pointed tips. Produces 7½-inch blooms when disbudded. Med. hgt. Mat. Nov. 15.

**RED FINALE** — A lovely shade of red with broad petals with the center of the flower incurved and lower petals reflexing. Nice dark green foliage. Ideal in growth, habit and type. Tall. Mat. Oct. 25.

\$1.00 each



ARISTOCRAT

## YELLOW

**BLAZING GOLD** — An intense golden yellow of good size. Fully incurved. Has stiff stem and perfect foliage. Med. hgt. Mat. Oct. 15.

**BUTTERBALL**—A clear lively yellow incurved flower of solid substance. An early bloomer and good keeper. Med. hgt. Mat. Oct. 20.

**CELESTRA**—A large, lemon yellow, ball-shaped flower that stands up well under adverse conditions. Med. hgt. Mat. Oct. 25.

**DOLLY DIMPLE** — Although this 'Mum is an old timer it is still greatly in demand. The color is a soft creamy yellow. The petals wide and slightly reflexed. Tall. Mat. Nov. 1. (See illus. page 21.)

**FRIENDLY RIVAL**—One of the most brilliant yellows to be found under any classification. Tall. Mat. Nov. 15. (See illus. page 21.)

35 cents each; 3 for \$1.00

**GOLD LODGE**—An early yellow. Med. hgt. Mat. Oct. 5.

**GOLDEN GLORY** — Bright yellow incurved. Very good. Med. hgt. Mat. Oct. 10.

**LILLIAN FOLTZ**—(Our 1943 introduction). An outstanding commercial bloom. A perfect incurved in shape and a soft yellow in color. Good foliage and stem. Med. hgt. Mat. Nov. 15. (See illus. page 19.)

35 cents each; 3 for \$1.00

**MRS. H. E. KIDDER** — A very popular early bloomer of excellent quality. Although an introduction of 1930, it is still a favorite variety which when disbudded will attain 7 inches in diameter. Med. hgt. Mat. Oct. 15.

**MRS. HELEN K. JOHNSON**—A deep rich dark yellow with petals somewhat irregular and interlacing in their arrangement. Good stem and foliage. Blooms 8 inches in diameter. Med. hgt. Mat. Oct. 25.



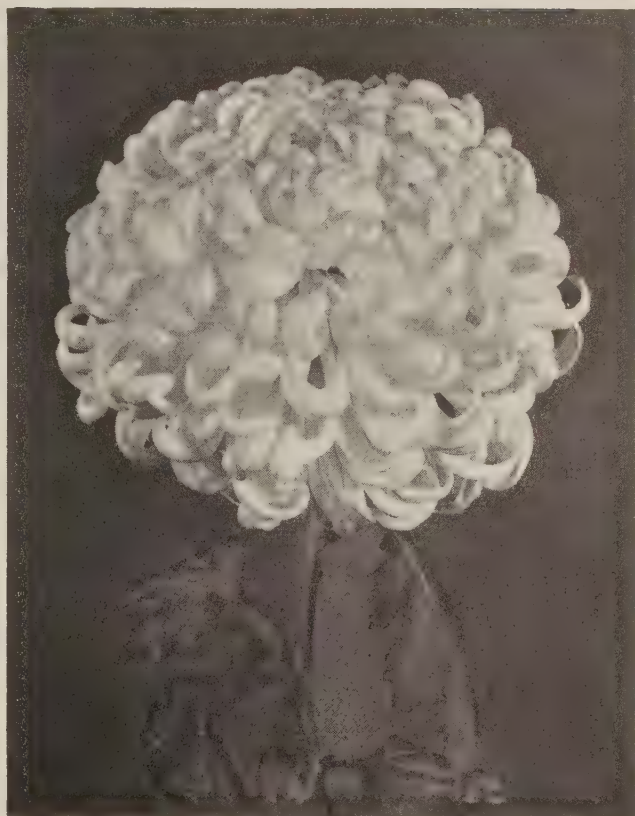
**GRAND DUCHESS**

**SUNGLOW**—This bright yellow incurved bloom has a lovely satiny sheen which marks this variety as one of the very best early yellows. Med. hgt. Mat. Oct. 25.

**YELLOW ALBATROSS**—A deep yellow of good shape with the usual character of the parent plant "Albatross." Tall. Mat. Oct. 25.

**YELLOW CHIEF**—An early blooming yellow flower which forms a good sized perfect ball. The blooms have a fine texture and keep well when cut. Med. hgt. Mat. Oct. 15.

**YELLOW EARLY FROST**—A very full, fair sized sport of Early Frost. Has wide, flat petals with sharply pointed tips. An excellent variety for all-around seasonal use. Med. hgt. Mat. Oct. 10.

**WHITE HELEN FRICK**

**YELLOW FRICK**—Large yellow incurve. The latest member of the "Frick" family. Med. hgt. Mat. Nov. 20.

**YELLOW MEFO**—Lovely deep yellow sport of Mefo. Has the same habits of growth. Tall. Mat. Oct. 25.

**DOLLY DIMPLE****FRIENDLY RIVAL**



## English Varieties



"Champion," "Mayford Pink," "Perfection" and "Tempest."

The varieties in this section cover a wide range in color and type. They are extremely valuable for their early and free-flowering habits of growth.

**ALABASTER**—A large clear white slightly incurving bloom of fine quality. Produces firm flowers 5 inches when disbudded. Med. hgt. Mat. Sept. 10. **25 cents each; 3 for 70 cents**

**ALCADE**—Bright crimson with spiky petals. An unusual addition to the English group. Med. hgt. Mat. Sept. 25. **35 cents each; 3 for \$1.00**

**ALEX MASON**—Large, rich buttercup yellow incurve. Will carry six good size blooms when disbudded. Med. hgt. Mat. early Oct. **25 cents each; 3 for 70 cents**

**BETTY RILEY**—A beautiful shade of carnation pink which deepens toward the center. A reflexing bloom of great beauty. Med. hgt. Mat. Sept. 25. **35 cents each; 3 for \$1.00**



**BRONZE EARLY BUTTERCUP**—A rich deep bronze with gold reverse. One of the finest early varieties when disbudded. Has unusually fine stems and foliage. Med. hgt. Mat. Sept. 25.

25 cents each; 3 for 70 cents

**BUTTERCUP**—A very large golden yellow of unusual merit. Petals are well pointed with some forming a perfect spoon. Has a wonderful satiny sheen when disbudded. Med. hgt. Mat. Sept. 25.

25 cents each; 3 for 70 cents

**CHAMPION**—A flower which is suitably named, for it is indeed a real champion. A brilliant deep yellow reflex variety that will reward the efforts of disbudding with excellent blooms of extra large size. Lovely in spray. Med. hgt. Mat. Oct. 25. (See yellow blooms page 22.)

35 cents each; 3 for \$1.00

**CHAS. W. JOHNSON**—A large, lustrous white incurve well within the bounds of flawless perfection. The flowers are well formed and lasting in quality. The stems are rugged and the foliage excellent. Med. hgt. Mat. mid-Oct.

25 cents each; 3 for 70 cents

**CONQUEROR**—A flashy, rich crimson flower which does not easily fade. Grows tall and straight. Has good foliage and stiff-necked stems. A valuable addition to any garden. Med. hgt. Mat. early Oct.

25 cents each; 3 for 70 cents

**CORAL QUEEN**—A large decorative bloom when disbudded. Salmon coral in color which is an unusual combination. Med. hgt. Mat. Sept. 15.

35 cents each; 3 for \$1.00

**CREAM DUCHESS**—An exhibition type of excellent quality. A deep cream shading to lemon yellow in the center. Med. hgt. Mat. Sept. 10.

35 cents each; 3 for \$1.00

**CRIMSON BUTTERCUP**—A deep crimson variety of solid and lasting substance. Petals are well pointed and form a beautiful decorative bloom. Med. hgt. Mat. Sept. 20.

35 cents each; 3 for \$1.00

**EXQUISITE**—This most charming cream color, shaded to soft yellow in center with wide reflexing petals is, no doubt, one of the best of this variety. Attains good size when disbudded. Med. hgt. Mat. Oct. 10. (See illus. page 24.)

35 cents each; 3 for \$1.00

**FORWARD**—This beautiful fluorescent bloom is an exquisite shade of delicate silvery pink. Difficult to describe, but when disbudded will grow from five to six inches in diameter. Med. hgt. Mat. Sept. 15.

50 cents each; 3 for \$1.35

**GOLD STANDARD**—A large deep yellow with flat broad petals. Stands up well in wind and rain. Med. hgt. Mat. early Oct.

25 cents each; 3 for 70 cents

**HALO**—This glowing amber bronze is one of the best we have among the early bloomers. Disbudded, will attain large size with the inner petals incurving and the outer petals reflexing. The petals are broad and well formed to make an outstanding flower. Med. hgt. Mat. Sept. 25.

35 cents each; 3 for \$1.00

**HILDEGARDE**—Very large rose pink with a slight lavender overcast. Silvery reverse. Pointed rolled cactus-like petals. Med. hgt. Mat. Sept. 25.

35 cents each; 3 for \$1.00

**HILLCREST RED**—A rich, velvety, crimson-scarlet with a pleasing golden reverse. Will produce full 6-inch flowers if disbudded with care. A riot of color when grown in sprays. Hgt. 3½ ft. Mat. early Oct.

35 cents each; 3 for \$1.00

**HILLCREST YELLOW**—Fine, clear yellow, semi-incurved flowers 6 inches in diameter may be had if properly tended. Massive sprays of quality blossoms when allowed to grow without restriction. Hgt. 3½ ft. Mat. early Oct.

35 cents each; 3 for \$1.00

**INDIANA**—Crimson-scarlet shaded inward to a smoky red center marks this flower as one of the best 5-inch blossoms when disbudded. A blaze of color if run to sprays. Hgt. 3 ft. Mat. early Oct.

35 cents each; 3 for \$1.00

**LE POCTOLE**—Deep crimson flowers of excellent form and very good size. Has a fascination of color effect that is not easily brushed aside. Shows to advantage in disbudded sprays. Hgt. 3½ ft. Mat. early Oct. (See illus. page 14.)

35 cents each; 3 for \$1.00

**LYRIC**—A delicate shade of salmon pink. Artistically shaped decorative bloom which is carried well on good stems with dark green foliage. Med. hgt. Mat. Oct. 15.

35 cents each; 3 for \$1.00

**MADLINE**—Clear soft shell pink with long fluted petals forming an attractive bloom. Med. hgt. Mat. Sept. 25.

35 cents each; 3 for \$1.00

**MADONNA**—This most perfect pure white bloom is, no doubt, one of the finest of the English varieties we have ever seen. Med. hgt. Mat. Oct. 1.

35 cents each; 3 for \$1.00

**MARY ANN**—A large orange-cinnamon bloom consisting of long, rolled petals. A very free bloomer, small foliage. Med. hgt. Mat. Sept. 15.

35 cents each; 3 for \$1.00

**MAVOUREEN**—A lovely lilac pink which when disbudded attains a diameter of 6 inches. Med. hgt. Mat. Sept. 15.

35 cents each; 3 for \$1.00

**MAYFORD PINK**—A large, magenta rose flower of exquisite loveliness. When disbudded will attain about six inches. Has excellent stem and foliage. Med. hgt. Mat. Oct. 10. (See pink blooms page 22.)

75 cents each

**MRS. J. FINDLAY**—A bright yellow reflex variety that will reward the trials of disbudding with a generous gift of 6-inch blooms. The results obtained by growing in spray form are equally gratifying. Hgt. 3 ft. Mat. late Sept.

35 cents each; 3 for \$1.00

**MRS. J. H. MILNER**—This exhibition pure white bloom is one of the largest of its type. Will attain a size of 7 inches under proper conditions. Med. hgt. Mat. Oct. 1.

25 cents each; 3 for 70 cents

**MRS. PATTIE**—A large incurving variety of terra cotta red with a gold reverse. The charm of exotic coloring is not lost in the disbudded flower or unpampered spray. Hgt. 3½ ft. Mat. Sept. and Oct.

25 cents each; 3 for 70 cents

**PERFECTION**—A clear white quality bloom. The flowers are large and carried on strong stems, which makes this a good bloom for cutting and is indeed "perfection." Med. hgt. Mat. Oct. 20. (See white blooms page 22.)

35 cents each; 3 for \$1.00

**PRIMROSE**—A huge, primrose yellow incurve that responds to single flower or spray disbudding. Has an easy, prolific habit of growth. Med. hgt. Mat. early Oct.

75 cents each



**ROSEMARY**—Large rose and salmon reflexing bloom of unusual formation. An excellent cut flower which blooms about Sept. 10th.

35 cents each; 3 for \$1.00

**ROYAL PINK**—A most delicate shade of true pink with large clean cut petals forming about the finest variety ever introduced in this particular color. Growth, foliage and stem are perfect. Med. hgt. Mat. Oct. 1.

35 cents each; 3 for \$1.00

**ROYAL PURPLE**—This beautifully formed purple flower surely makes a riot of color in any garden. The massive sprays of quality blooms are lovely when grown in sprays, also quite outstanding when disbudded. Blooms remain fresh for cutting over a long period of time. Med. hgt. Mat. about Oct. 15.

50 cents each; 3 for \$1.35

**SALMON FREIDA**—This most perfectly formed, true salmon pink large pompon is almost indescribable in its beauty. One of the most choice. Tall. Mat. Oct. 1.

50 cents each; 3 for \$1.35

**SNOWBALL**—This wonderful bloom is aptly named, as it is a snow white ball of exquisite loveliness. A very free bloomer. Med. hgt. Mat. Sept. 25.

25 cents each; 3 for 70 cents

**STELLA**—This most perfect shaped bloom is a true pink of great charm. When disbudded attains good size and is unparalleled in its beauty. Tall. Mat. Oct. 1. (See full color illus. page 19.)

50 cents each; 3 for \$1.35

**SWEETHEART**—A large decorative bloom of a soft shade of "Rose Bengal" pink. With wide reflexing petals, perfect foliage and good stems, this new variety will be a great addition to any garden. Med. hgt. Mat. Oct. 20.

25 cents each; 3 for 70 cents



EXQUISITE

**TEMPEST**—A very rich velvety "Orient Red" with a soft shade of golden reverse. Attains about 5 inches when disbudded but is a brilliant mass of color when grown in sprays. Med. hgt. Mat. Oct. 15. (See red blooms page 22.)

35 cents each; 3 for \$1.00

**UNA**—A large shell pink ball when disbudded. Close tightly cupped petals show a silvery reverse. Especially attractive when grown in sprays. Med. hgt. Mat. Oct. 20.

25 cents each; 3 for 70 cents

## HARDY CUSHION AND DWARF MUMS

We suggest these for borders, rock gardens, pot plants, or wherever low, bush, mass color effect is desired. They do best when left in the ground for a second and third flowering season. Then separate the following spring. These will give you blooms from early September on.

Each .....	\$ .25
3 of One Name.....	.70
1 each of any Six Varieties.....	1.35

**AMELIA**—This little gem of bright pink, with lovely foliage, is considered the "Mother" of all cushion chrysanthemums. It is indeed a charming thing.

**BRONZE MOUND**—New and very choice, beautiful bronze of varying shades. Compact, good bloom by early Sept.

**DEAN KAY**—Very hardy deep pink of unusual beauty. Grows about 15 inches tall.

**GOLDEN CARPET** — (B.N. 1949). Exactly as named. Veritable 2-foot rug of golden yellow pompons almost clinging to the ground. A marvelous mound.

**GOLDEN CUSHION** — Rich golden yellow. A well formed plant of the Amelia strain.

**MAJOR CUSHION** — An exquisite pinkish mauve. As the flower matures it takes on a silvery sheen and there is a deeper shading near the center. This plant will bloom during June and July. Cut it back and it will bloom again in the later fall months.

**POWDER PUFF** — Most famous white. Plants about one foot high with pure white double flowers.

**QUEEN CUSHION** — White, occasionally developing a lavender blush. A good offspring of the Amelia strain.

**ROSE MOUND** — A fine plant with a mass of lovely deep lavender rose button pompons.

**SANTA CLAUS**—Exceptionally hardy crimson. 18 inches. Mat. Oct. 5.



## Single Varieties—Daisy Type

### PRICE OF ROOTED CUTTINGS (Unless Quoted Otherwise)

Each .....	\$ .25
3 of One Name .....	.70
6 of One Name .....	1.25
12 of One Name .....	2.25

**APRICOT VALENCIA**—Sport from Valencia. Beautiful shade of apricot. Tall. Mat. Nov. 15.

**CALIFORNIA RED DAISY**—An intermediate brilliant red with good stem and foliage. Med. hgt. Mat. Oct. 5.

**CALIFORNIA YELLOW DAISY**—Good clear yellow intermediate type. Med. hgt. Mat. Oct. 5.

**DEBUTANTE**—Very large deep pink of unusual beauty. One of the best of the single varieties. Tall. Mat. Nov. 30.

**IDA SKIFF**—The finest amber bronze single we have ever grown. Splendid when grown in sprays and responds to disbudding. Quite outstanding in color. Short. Mat. Nov. 1. (See illus. right.)

**JEAN**—One of the largest of the pure white singles. A Blue Ribbon winner when grown for competitive display if disbudded one flower to the stem and three stems to the plant. May also be trained for specimen use or grown in the garden in the form of sprays. Med. hgt. Mat. Nov. 1.

**KRAMER'S LATE PEACH**—Large, airy sprays of delicate light peach colored flowers on tall, strong stems. A freely blooming variety highly valuable for Christmas use. Med. hgt. Mat. Dec. 15 on.

**MELBA**—The color is an orange bronze with a distinct circle of yellow at the base of the petals surrounding the green disc. The flowers when grown in sprays are about 4 inches in diameter. Good when disbudded. Med. hgt. Mat. Nov. 5.

**PINK SKIFF**—A fine, proven pink seedling having the more desirable characteristics of the parent, Ida Skiff. Med. hgt. Mat. Nov. 1. (See illus. above.)

**PRINCE CHARMING**—Exhibition single of soft yellow with gold shadings. When disbudded will produce flowers at least six inches across. Med. hgt. Mat. Oct. 20. **35 cents each; 3 for \$1.00**

**PURPLE CLOUD**—(Our 1951 introduction). A soft "Mellow Purple" in color with narrow petals radiating from a tiny yellow center. This is the loveliest purple single we have ever grown. Tall. Mat. Oct. 10. **35 cents each; 3 for \$1.00**

**RED MELBA**—A sport of Melba having the same characteristics of the parent plant. Rich red in color and excellent for cutting. Med. hgt. Mat. Nov. 5.

**SHIRLEY HIGGINS**—(Australia). This dark red single type has five or more rows of petals radiating from a yellow button center. Should be disbudded. Tall. Mat. Oct. 15.

**35 cents each; 3 for \$1.00**

**SUNSHINE**—(Our 1951 introduction). Brilliant golden yellow with from 4 to 6 rows of broad petals radiating from a small yellow button center. Tall. Mat. Oct. 15.



A COMPOSITE PICTURE OF  
IDA SKIFF AND PINK SKIFF



STROMNESS

(See page 20 for description)



## Cascade Varieties



ANNA

### PRICE OF ROOTED CUTTINGS

(Unless Quoted Otherwise)

Each .....	\$ .20
3 of One Name .....	.55
12 of One Name .....	2.00

**ANNA**—Pure white single with a golden yellow center. Blooms 2 inches. (See illus.) Nov. 1.

**BETTINA**—Dark pink single. Blooms 1½ inches. Mat. Oct. 1.

**BREAKING DAWN** — Light pink anemone. Tubular petals with spoon tips. Blooms 1¼ in. Mat. Nov. 5.

**CHERIE**—(Our 1951 introduction). The color is a pastel mauve or "Perkins Violet" with yellow button center. Blooms are a little over an inch in diameter and cover the plant in great profusion. This is the earliest blooming cascade we have ever grown from our seed beds. Mat. Sept. 15.

**FIREFALL** — Garnet red single. Blooms 2 in. A free bloomer of striking beauty. Mat. Nov. 1.

**GOLD DUST**—(Our 1951 introduction). Golden yellow Anemone with high, well rounded, yellow cushion. Blooms 1½ ins. in diameter. Mat. Oct. 10.

**HALLOWE'EN** — A burnished coppery bronze fuses the central disc of quilled florets and the double row of flat ray petals into a composite coloring of rare beauty. Flowers 3 inches in diameter. Med. hgt. Mat. Nov. 20.

**JANE HARTE**—Yellow sport from Anna. Same in all respects except color. Mat. Nov. 1.

**PURPLE QUEEN** — A deep purple with purple cushion, the florets of which are well opened and display a deeper purple interior. Tips are tinged with a faint trace of bronze. Very tall and vigorous grower. Blooms 2½ inches. Mat. Oct. 25.

**RHAPSODY**—A very delicate lavender button. Has a high-rounded cream cushion shading to orchid. Short ray petals. Blooms 1 inch in diameter. Mat. Oct. 25.

**ROYALTY**—A purple anemone having a prominent cushion of quilled florets a bit lighter in shade than the Royal Purple coloring of the encircling short, flat ray petals. Mat. Oct. 25.

**YAMABUKI** — Bright yellow anemone with golden yellow cushion. Very outstanding. Blooms 1½ inches in diameter. Mat. Oct. 25.

See Page 37 for "Suggestion for Culture of Cascades".



**SNOW WHITE**  
(See page 20 for description)



# Hardy Varieties

These varieties are especially recommended for regions where early frosts prevail as they possess hardy, early flowering qualities.

**ALLEGRO** — A suffusion of coppery salmon lends added warmth to the glowing shrimp-pink ground of this magnificent, fully double flower. A profusion of evenly balanced sprays on tall stiff stems rise from a strong vigorous plant. Hgt. 3 ft. Mat. Oct. 15. **30 cents each; 3 for 85 cents**

**ASHES OF ROSES**—A distinct and different color never before seen in 'Mums. It is quite difficult to describe. A rich old rose or rose ash with soft salmon - apricot overtones. Flowers very freely from Sept. until frost. Blooms are freely double and about 3 inches across. Med. hgt. **75 cents each; 3 for \$1.75**

**AUTUMN ROSE**—This seems to be a blending of coral, rose, Jasper-red with soft buff undertones, yet sparkles with shades of shrimp pink. The flowers are of medium size and fully double. Short. Mat. early Sept. **75 cents each; 3 for \$1.75**

**AVALANCHE**—Ranks high with the finest of weather-resistant clear white. Clean, branching sprays carry a snowy load of large, well formed double blooms. Med. hgt. Mat. late Sept. (See color illus. page 30.) **30 cents each; 3 for 85 cents**



**LAVENDER LADY**

**AVIATOR** — Lovely coppery - bronze flowers which are ideal for early Oct. blooming. Easy to grow and develops into a good plant. Med. hgt. Mat. Oct. 10. **35 cents each; 3 for \$1.00**

**BEACON**—This rich coppery bronze pompon of recent origin is equal to the finest of its type. It actually glows in its beauty. Tall. Mat. Sept. 25. **35 cents each; 3 for \$1.00**



**PINK RADIANCE**



**JEAN TREADWAY**

**BETTY**—The color of this slightly blossom is a seductive shade of salmon - pink. Has a clean, upright habit of growth. Tall straight stems generously sprayed with full, double 2½-inch flowers. Excellent for cutting. Mat. Oct. 10. **35 cents each; 3 for \$1.00**



**BOKHARA—(B.N.).** Has the exquisite loveliness of the famed Bokhara rugs in colors of rose madder, carmine and rich crimson. The strong well branched sprays may be beautifully arranged as cut flowers. The double flowers are beautifully formed. The plant is hardy and disease resistant. Med. hgt. Mat. Oct. 10.

50 cents each; 3 for \$1.35

**BURMA** — An intriguing blend of glistening bronze, with undertones of copper and delicate pink. Fine dark green foliage add greatly to this luminous bit of perfection. Med. hgt. Mat. Sept. 1. (See color illus. page 30.)

25 cents each; 3 for 70 cents

**BUTTERBALL**—Semi-decorative butter-yellow flowers of good size on a low, compact, cushion type plant. A 15-inch bush with a greater spread. Blooms mid-Aug. on.

25 cents each; 3 for 70 cents

**CARNIVAL—(B.N.).** A sparkling flower of gorgeous autumn colors, blending burnt-orange, red, old gold and amber shades, giving a brilliant general effect. The double blossoms, 3½ inches across, are carried on long, nicely branched sprays. Med. hgt. Mat. Oct. 10.

35 cents each; 3 for \$1.00

**CHAS. NYE** — A very stiff, upright plant that bears a profusion of bright yellow, true pompons in tight clusters on sturdy stems. Med. hgt. Blooms late Sept. 25 cents each; 3 for 70 cents

**CHIPPEWA** — The flowers are large, full and slightly incurved. A bright aster-purple with a silvery mauve reverse, a novelty in color design foreign to this type of chrysanthemum. Hgt. 30 inches. Mat. Oct. 5. (See illus. page 30.)

30 cents each; 3 for 85 cents

**CHIQUITA** — A companion for "Pepita and Rosita" differing only in color, being a bright yellow. Mat. Sept. 15. 50 cents each; 3 for \$1.35

**CHRIS COLUMBUS** — A prolific, easily grown variety that produces long, strong stems for cutting. Lovely ivory-white. Good quality. Med. hgt. Mat. Sept. 15. 35 cents each; 3 for \$1.00

**CORAL SEA**—A highly productive semi-dwarf that will take the rigors of wintery temperatures in full stride. The wax-like petals are salmon-buff suffused with coppery rose. The flowers are two inches in diameter, full and firm. The foliage is attractive and the stems are wiry. This variety should be given its rightful place as a permanent member of your Hardy family. Hgt. 20 inches. Mat. Oct. 5. 35 cents each; 3 for \$1.00

**COURAGEOUS** — (Dr. Kraus). Probably "the" red of the present day. Very full 2½-inch blooms on strong, 2-ft. plants. Provides a real "Mum Show" in itself. Mat. Oct. 1.

35 cents each; 3 for \$1.00

**EARLY WONDER—(IMP).** A formal, clear soft pink pompon 1½ inches across. The petals are hard, cupped and exquisitely dainty. The tall straight stems are clothed abundantly with attractive deep green foliage. A good keeping, freely producing variety. 3 feet high. Mat. Sept. 25. 35 cents each; 3 for \$1.00

**ETHEL**—A rich red button pom of shapely proportions. Great productivity enhances the value of this flashy little gem of the garden for cutting, bedding or potting. Hgt. 20 inches. Mat. Oct. 15. 25 cents each; 3 for 70 cents

**FLAXEN BEAUTY—(B.N.).** Like a huge 4-inch Cactus dalia is this charming blend of soft coral, gold and bronze. Perhaps loveliest in its final stages, with the blond shades of flax ready to harvest. Spreading flower-laden plant 2 feet tall, ideal for bedding. Magnificent for short bouquets. Mat. Oct. 1. 50 cents each; 3 for \$1.35

**GOLDEN HOURS—(Dr. Kraus).** Finely formed, fully double, deep lemon yellow blooms. Broad, slightly incurved petals give a fluffy but firm texture. 2½ inches in diameter. Good foliage and free flowering. Med. hgt. Mat. Sept. 5.

35 cents each; 3 for \$1.00

**GOLD TREASURE**—This 24-inch plant, thickly carpeted with golden yellow blooms, supplies an abundance of excellent cutting material. Long stems support heavy, well arranged clusters of 2½-inch flowers. Mat. early Oct.

30 cents each; 3 for 85 cents

**JEAN TREADWAY**—Soft lovely pink with deep rose center. A strikingly artistic flower for garden decoration or to use the well branched sprays as a cut flower. Med. hgt. Mat. Oct. 10. (See color illus. page 27.)

25 cents each; 3 for 70 cents

**JEWELL**—A large button, bright pink in color. Very free flowering. Short. Mat. Oct. 1.

25 cents each; 3 for 70 cents

**JEWELRY**—An orchid pink button pom of exquisite daintiness. Tall, erect stems bear a profusion of branchy sprays. Myriad 1½-inch flowers are uniform in general composition. Tightly cupped petalage and firm, glossy foliage insure keeping quality. Hgt. 3 ft. Mat. Oct. 20.

35 cents each; 3 for \$1.00

**KARL A. REICHE—(B.N.).** A pompon of distinguished form and coloring. The blending of colors is a work of art in this flower of old rose, and lovely shades of strawberry red, and mauve. The plant is a most prolific bloomer, starting in Sept. and continuing to flower over a long period. It is of dense strong growth. A "must have" among chrysanthemums. Hgt. 2 ft.

50 cents each; 3 for \$1.35

**KOREAN PRINCESS—(Pat.).** The shapely blossoms, 2½ inches across, are rich bronze-red on opening, with a perfectly formed, golden-bronze, cushioned center, changing to soft strawberry-crimson as they mature; a tapestry effect charming as it is unique. It is a husky, hardy, 2-ft. plant with many blossoms on the well-branched stems. Mat. Oct. 15. 50 cents each; 3 for \$1.35

**LAVENDER LADY**—A true lavender flower devoid of all trace of mauve, purple or magenta. It is an unusually clean cut and attractive specimen attaining an incomparable lavender hue when mature. Is unusually hardy and is in full bloom by Oct. 5. Med. hgt. (See illus. page 27.)

25 cents each; 3 for 70 cents

**LORELEI** — A very productive bright yellow double three inches in dia. Has long, trim stems and freedom of bloom. Exceptionally valuable for early cutting. Hgt. 28 inches. Mat. Sept. 10.

25 cents each; 3 for 70 cents

**LUCIFER**—This new introduction is best described as a brilliant red of excellent form and texture. One of the very best reds we have ever grown. Tall. Mat. Oct. 10.

35 cents each; 3 for \$1.00



**MAGNOLIA** — A high centered, 4-inch double blossom that bears a resemblance to the Magnolia in delicate color and fineness of texture. The opening flower radiates soft pink tints that gracefully give way to a permanent ground of creamy pink overlaid with soft yellow tones. A rugged, stocky, two-foot plant equally at ease in the garden or home. A long blooming period follows the mid-September debut of this bewitching floral masterpiece.

**50 cents each; 3 for \$1.35**

**MARGIE**—Darkest garnet-red we know. Fully double and 2½ inches across. When planted with white or other light shades it really stands out. Short. Mat. Oct. 1.

**35 cents each; 3 for \$1.00**

**MISTY MAID**—(B.N.). Enthralling to lovers of soft colors. Deep rose-pink buds open gently to the most delicate shell-pink, nearly white in full bloom. A 3-inch informal decorative, borne in huge sprays. Short. Mat. Sept. 25.

**50 cents each; 3 for \$1.35**

**NEW PHILADELPHIA**—A scintillating purplish red decorative pom of solid substance. Distinctive individuality plus exotic pigmentation isolate this specimen from all others of similar type and color range. Hgt. three ft. Mat. Oct. 15. (See color illus. front page.)

**50 cents each; 3 for \$1.35**

**OLIVE LONGLAND**—The glorious blending of apricot tones and salmon-pink coloring of this wonderful flower pays high tribute to the wizardry of Nature's palette. The blooms are double, very full and 3 inches in diameter. The plant is dependable, very prolific and super-hardy. Hgt. 30 inches. Mat. late Sept. and early Oct.

**30 cents each; 3 for 85 cents**

**PEPITA**—(DR. KRAUS). A most desirable early button of soft primrose yellow with a darker center. Maturing white. Well rounded 2-foot plant. Mat. Sept. 15.

**50 cents each; 3 for \$1.35**

**PHILADELPHIA** — A subdued orchid-lavender pom of refined daintiness. A wealth of supporting stems carry large clusters of fully double flowers 2½ inches in dia. Shining, vivid green foliage offers a pleasing color contrast. Hgt. 30 inches. Mat. Oct. 15. (See color illus. front page.)

**30 cents each; 3 for 85 cents**

**PINK RADIANCE** — This vigorous plant is so completely covered with freely branching sprays of three-inch soft pink double flowers carried on clean, wiry stems, that the old stock phrase "freedom of bloom" seems tame and woefully inadequate as a descriptive agent. Hgt. 30 inches. Mat. Sept. 25. (See color illus. page 27.)

**50 cents each; 3 for \$1.35**

**POLAR ICE** — A clear, glistening blue-white double, free from the debasing influence of unwanted pigmentation. A stocky bush-like plant that produces a profusion of perfectly formed 2½-inch flowers. The foliage is a vivid green, the stems erect and the crowning sprays expansive. Hgt. 24 inches. Mat. Oct. 1.

**35 cents each; 3 for \$1.00**

**ROSITA**—(DR. KRAUS). A good companion for "Repita," differing only in color, being a rose pink. The petals are neatly and closely arranged. When this button pompon displays its pink flowers they completely cover the plant. Fine for a border. 2 ft. high. Mat. Sept. 15.

**50 cents each; 3 for \$1.35**

**RUBY** — Neither name nor reams of verbiage can do full justice to the great depth of color and liveliness of this gorgeous, well turned crimson bloom, rated the best of all hardy mums. A plant 2½ feet in height, will support the limit of large, evenly balanced sprays. Mat. early Oct.

**25 cents each; 3 for 70 cents**

**SAWYER'S GIANT** — A large decorative pompon similar to Lavender Lady. A deep shade of lavender shading into almost blue. Very hardy and resists the elements. Med hgt. Mat. Oct. 1.

**35 cents each; 3 for \$1.00**

**SEPTEMBER CHEER**—The brilliant cherry red of this bloom is a most dignified rich color of lasting quality. Unusual in its perfect form. Short. Mat. Sept. 25.

**50 cents each; 3 for \$1.35**

**SEPTEMBER CLOUD**—Beautifully formed well rounded blooms of purest white. The center shades to a soft primrose. Wonderfully rounded compact plant covered with flowers from Sept. 15 on.

**35 cents each; 3 for \$1.00**

**SEQUOIA**—A rich amber double of captivating enchantment. Large clusters of perfectly formed three-inch flowers emanate a luminous glow that never fails to register appeal. Hgt. 30 inches. Mat. Oct. 10. (See color illus. front page.)

**25 cents each; 3 for 70 cents**

**SYMPHONY**—A Korean Hybrid that in truth is a symphony in color. A blend of mauve, copery pink and soft lavender. Strong vigorous growth. Flowers very large, fully double. Excellent stems and foliage. Med. hgt. Mat. Oct. 10.

**25 cents each; 3 for 70 cents**

**TIFFANY ROSE**—A deep rose double with a faint cream undertone. A fusion of these colors at the base of each petal creates an inner halo of a golden hue, a colorful eccentricity which intensifies the beauty of this gorgeous three-inch flower. A bushy, free-flowering plant 20 inches in hgt. Mat. late Sept.

**25 cents each; 3 for 70 cents**



**LAVENDER TAGGARTS**

(See page 10 for description)



**BURMA**

**VENUS**—A beautiful orchid pink daisy-like single flower of good keeping quality. A neatly arranged double set of ray petals radiate from a bright yellow center. Med. hgt. Mat. Oct. 1.

**35 cents each; 3 for \$1.00**

**VIOLET**—(U. of Minn.). This splendid crimson purple, very double flower is perhaps the richest in color of the very early varieties. Short. Mat. Sept. 15.

**50 cents each; 3 for \$1.35**

**AVALANCHE**

**VULCAN**—This tall, vigorous plant bears a profusion of brilliant crimson blooms  $3\frac{1}{2}$  inches in diameter. Great clusters of firm, double flowers create a mass effect of illumined splendor. Tall. Mat. Sept. 25.

**35 cents each; 3 for \$1.00**

**YELLOW AVALANCHE** — One of the finest weather-resistant rich golden yellows. Clean, branching sprays carry a load of well-formed blooms. Med. hgt. Mat. late Sept.

**35 cents each; 3 for \$1.00**

**GRENADIER (Actual size)****CHIPPEWA**



# Large Pompons Suitable for Disbudding

## PRICE OF ROOTED CUTTINGS

(Unless Quoted Otherwise)

Each .....	\$ .25
3 of One Name .....	.70
12 of One Name .....	2.25

## BRONZE

**BRONZE DOTY**—Light bronze. Good sprays, strong stems. Tall. Mat. Nov. 5.

**BRONZE MASTERPIECE**—A lovely orange bronze sport from Masterpiece. Of excellent quality and size. Tall. Mat. Nov. 10.

**FIREBIRD**—A perfectly formed bronze pompon slightly diffused with red. Fine for cutting having good stems and foliage. Med. hgt. Mat. Oct. 25.

## PINK

**ANGELO**—This early blooming pompon is one the best of its kind. A very soft delicate shade of pink. Tall. Mat. Oct. 5.

**DAWN**—Soft delicate pink, almost white. Flowers are large and are exceedingly good keepers. Med. hgt. Mat. Nov. 1.

**ELORA**—Large, fully double solid flowers 2½ inches in diameter. A fine delicate shade of shell pink shading to orchid. Has fine waxy petalage and glossy foliage. Med. hgt. Mat. Oct. 5.

**ELSIE KRAMER**—Large, full double solid flowers three inches in diameter. An unusually fine shade of shell pink. Unexcelled for late cutting. Med. hgt. Mat. Dec. 10.

**FAIR MAID**—That rare, beautiful shade of clear daybreak pink so easy to look upon. 2½-inch blooms produced on fine sprays. Mat. Oct. 25.

**GIANT CLOVER**—A lovely clover pink, which when disbudded is quite outstanding. It is also charming when grown in sprays. Tall. Mat. Nov. 15.

**LILLIAN DOTY**—Beautiful shell pink. Flowers 3 to 3½ inches. Fully incurved. Tall. Mat. Oct. 15.

**QUEEN OF PINKS**—Deep orchid pink of excellent quality. Makes a very fine pot plant or bush in garden as you can have ten to twelve blooms on each plant. When disbudded will attain from 3½ to 4 inches in diameter. Short. Mat. Oct. 15.

**ROMOLA**—A perfectly formed, large pompon. Soft light pink of excellent substance. Strong stem. Tall. An outstanding variety both as to color and shape. Mat. Oct. 20.

**ROSE PEARL**—Bright lavender. Large decorative pompon that will give color to your garden and is very fine for cutting. Med. hgt. Mat. Oct. 25.

**THYRA**—Deep lavender. Close, compact, cupped petals with the appearance of a pompon dahlia. A distinctive novelty. Med. hgt. Mat. Nov. 1.

## WHITE

**ARCADIA**—Pure white, well rounded blooms. Extremely productive. Mat. Oct. 25.

**DIANA**—A snowy white bloom of exquisite lacy daintiness. This flower is one of the very best of its type and every 'Mum grower deems it a "must" in the garden. Med. hgt. Mat. Nov. 5.

**PRISCILLA**—Compact rigid sprays carry a maximum of clear white ball shaped flowers. Deep green foliage. Med. hgt. Mat. Nov. 25.



AN ASSORTMENT OF DISBUDED POMPONS

• The list of plants in the POMPON SECTION under the caption LARGE TYPE SUITABLE FOR DISBUDDING was compiled chiefly for the benefit of those of you who prefer the larger disbudded bloom to the spray or cluster of smaller blooms and is meant to be your guide in the proper selection of plants that will meet your special requirements.

Those of you who have neither the inclination nor time for the tedium of disbudding will find the plants in this classification equally as prolific as any you may choose from the lists of smaller poms, as the growing habits of all are substantially the same.

**SILVER BALL**—Pure white. Flowers 3 inches in diameter. Hgt. 4 ft. Mat. Sept. 25.

**WHITE DOTY**—Very large, clear white. Tall. Mat. Oct. 25.

## RED

**RED DOTY**—Very large red similar to White Doty except in color. Tall. Mat. Oct. 25.

**RED RUST**—This brilliant red and gold large pompon has unusual color combination. Without doubt one of the finest of early blooming. Excellent stem and foliage. Tall. Mat. Oct. 20.

**TANGO**—A large Chinese red. Good stem and foliage. Med. hgt. Mat. Oct. 15.

## YELLOW

**YELLOW ARCADIA**—Same as Arcadia in all respects save color, which is a golden yellow. Med. hgt. Mat. Oct. 25.

**YELLOW DOTY IMP.**—This is a far superior bloom to the old yellow Doty. Has good foliage and a stiff stem. Tall. Mat. Nov. 15.



## Intermediate Type Pompons

### PRICE OF ROOTED CUTTINGS (Unless Quoted Otherwise)

Each .....	\$ .25
3 of One Name .....	.70
12 of One Name .....	2.25

**BARCAROLE**—An easily grown golden yellow pom, extremely formal in appearance. High production rate and lack of sensitivity to cultural conditions are valuable assets. Tall. Mat. Nov. 5. (See color illus. page 19.)

**BONTON**—A small intermediate of the button formation. From a distance it appears to be a solid golden bronze in color, but upon closer inspection it shows a mass of tightly cupped petals, the exterior surface of which show a golden bronze and the interior of which show a bright red. A most beautiful contrast. Tall. Mat. Oct. 15.

**CHRISTMAS CHEER**—We recommend this variety to those desiring flowers for Xmas. The color is a rich deep yellow which does not lose brilliance under artificial light. Three-foot plants carry a profusion of two-inch flowers. Mat. Dec. 15 on.

**CHRISTMAS RED**—Deep red decorative. Med. hgt. Mat. Dec. 10.

**EARLI WHITE**—A good pure white pompon of exquisite beauty. One of the best early whites. Tall. Mat. Oct. 1.

**EDITH ROBERTS**—Splendid firm large button type pompon. A very deep orchid pink, similar to Minuet which is shown in color on Page 19. (Minuet we have dropped). Med. hgt. Mat. Sept. 25.

**GOLD COAST**—Fine sprays of a brilliant yellow. Heavy bloomer. Med. hgt. Mat. Oct. 25.

**GRENADIER**—Rich, mahogany red decorative pom of great merit. Tall. Mat. Oct. 15. (See color illus. page 30.)

**MARVEL**—Bright orchid pink. Good small decorative of medium height. Mat. Nov. 1.

**MARY McARTHUR**—A large compact button. At first glance it appears to be a solid deep raspberry rose, but with closer attention it shows a mass of tightly cupped petals washed with gold at the tips, a lovely contrast. Med. hgt. Mat. Sept. 25.

**MISSION**—A delicate pink with a dark maroon center. This is one of the most outstanding intermediate pink blooms. Med. hgt. Mat. Nov. 10.

**PINK DOT**—Light pink with dark pink eye. Mat. Oct. 20.

**RED FLAMBEAU**—An excellent deep garnet red bloom of good quality. Tall. Mat. Oct. 25.

**RED ROBIN**—Deep crimson which is a very difficult color to find. This has very compact blooms on long well branched sprays. Tall. Mat. Oct. 25.

**RED WING**—This brilliant red pom as it comes to full maturity turns to a deep burnt orange shade. This is the best in its color range of early blooms. Tall. Mat. Oct. 1.

**REVELATION**—The blooming period and undespoiled whiteness of this flowery, decorative gem bring to mind with vivid clearness the Yuletide carol "White Christmas." Tall. Mat. mid-Dec. on.

**REV. BUSHNELL**—Compact rigid sprays carry a maximum of clear white ball shaped flowers. The center blends to a lovely cream shade which greatly adds to its beauty. Tall. Mat. Oct. 15.



SEAFOAM

**ROBIN HOOD**—Rich deep blood red flowers 1½ inches in diameter. Ranks first in its class. Clean, clear cut in all respects. Med. hgt. Mat. Nov. 5. (See color illus. page 19.)

**SEAFOAM**—A medium sized, clear white pompon of virgin purity. The snowy clusters of full, well rounded flowers on tall, trim stems is accentuated by the vivid coloring of the underlying greenery. Med. hgt. Mat. Nov. 20. (See illus. above.)

**SEAGULL**—Pure white of excellent substance. Med. hgt. Mat. Nov. 1.

**YELLOW DOT**—An unusually good yellow with dark center. Is a good bloomer and makes a good cut flower. Med. hgt. Mat. Oct. 20.

## UNIVERSITY OF ILLINOIS INTRODUCTIONS

**ILLINI GEM**—Lovely lemon yellow of exquisite daintiness. Good for cutting. Med. hgt. Mat. Nov. 1.

**ILLINI REDHEAD**—A beautiful red button pompon. Med. hgt. Mat. Nov. 10.

**ILLINI SKIPPER**—Bright golden bronze of good size. Can be disbudded. Med. hgt. Mat. Nov. 10.

**ILLINI SNOWFLAKE**—A clear white pompon two inches in diameter. Very fine. Med. hgt. Mat. Nov. 1. (See color illus. page 19.)

**ILLINI VELVET**—Bright deep purple intermediate pompon. Med. hgt. Mat. Nov. 5.

50 cents each

**ILLINI WARRIOR**—A lovely apricot bronze of button type which blooms for the holiday season. Med. hgt. Mat. Nov. 10.

**PRICE:** 25 cents each (except as noted). One each of the other five Illini varieties at \$1.00.



## Pompon Section

### Button Type

#### PRICE OF ROOTED CUTTINGS

(Unless Quoted Otherwise)

Each .....	\$ .25
3 of One Name .....	.70
6 of One Name .....	1.25
12 of One Name .....	2.25

**ANNETTE**—A charming smoky pink. The little button has neatly arranged petals which form a perfect ball. There is lovely light mauve sheen over the flower which adds greatly to its beauty. Tall. Mat. Nov. 1.

**ANN FULTON**—A clear pink with a deep rose center. Will produce a mass of blooms about Oct. 25. Med. hgt.

**BABY**—Hundreds of diminutive, brilliant yellow flowers  $\frac{1}{2}$  inch in diameter envelope this plant in a picturesque display of mass formation. Hgt. 30 inches. Mat. Nov. 15.

**BOBETTE**—Lavender with darker center. Good bloomer. Med. hgt. Mat. Dec. 5.

**BRIGHT EYES**—This lovely blush-pink bloom with its deep carmine eye is a sight to behold. A most charming thing. Med. hgt. Mat. late Oct.

**BROWN BUTTON**—Bronze. Very prolific, upright growth. Mat. Nov. 10.

**CLARE** — White. Compact baby button. Very prolific. Mat. Nov. 15.

**COTTON TOP**—An early blooming white button of good quality. Tall. Mat. Oct. 15.

**DAINTY MAID** — A compact, soft blush pink baby button of exquisite daintiness. The type of flower that mellows with age. Med. hgt. Mat. mid-Oct. on.

**IRENE**—A frost repellant pure white flower of solid substance. Short. Mat. Oct. 15.

**JUDITH ANDERSON**—A golden yellow of solid substance and a hardy habit of growth. Stocky plant. Mat. Oct. 15.

**LOIS**—A dark golden button shading to orange. It is very similar to Nuggets in formation and growing habits. It meets with our hearty recommendation. Med. hgt. Mat. Nov. 5.

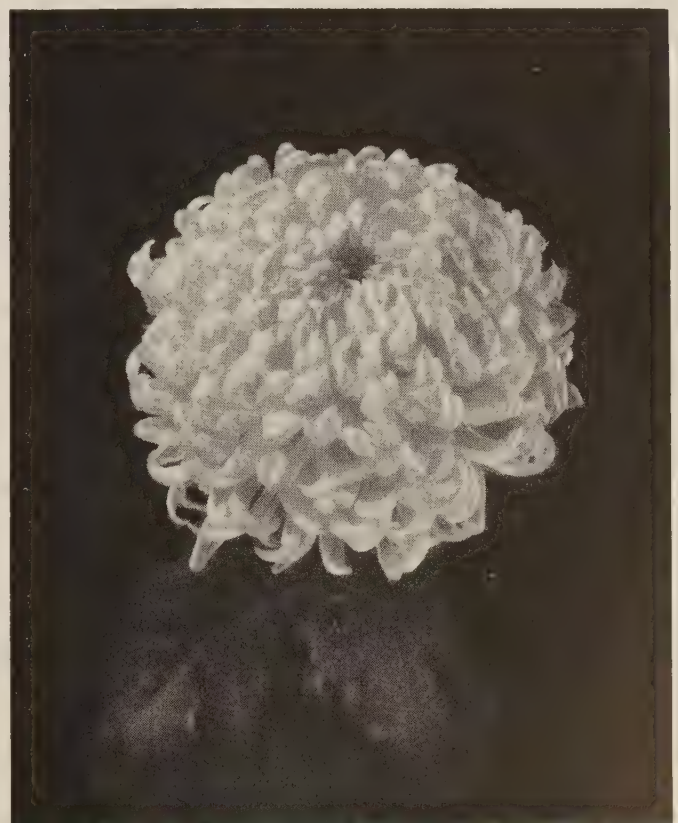
**NUGGETS**—One of the best early yellows, rich golden in color. Has an excellent foliage and stiff stem. Will not droop when laden with moisture. Med. hgt. Mat. Oct. 25.

**PINOCCHIO**—A small, glistening white button that spells perfection in all details. The flowers are firm and very full. The petals are cupped and closely spaced. The plant is tall and freely producing. Mat. Oct. 25.

**PIXIE** — A small, hemispherical golden yellow pompon of special merit. The tightly cupped petals are firm in substance and lasting in quality. Med. hgt. Mat. Nov. 10.



BUTTONS

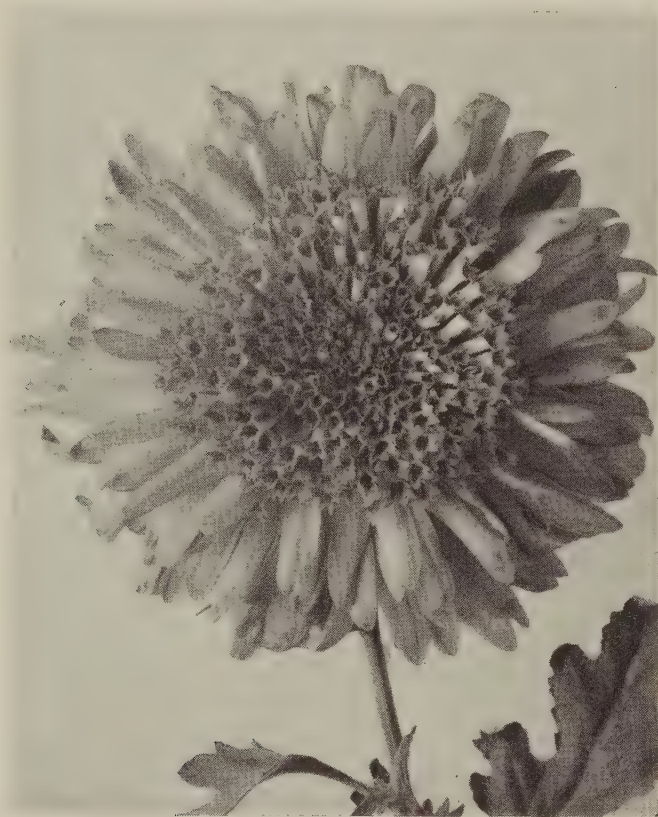


MISS FLORA BOWERS

(For description see page 20)



# Anemone Section



MRS. J. S. ROBERTS

The Anemone flowered chrysanthemum consists of one or more rows of flat or tubular ray florets with shorter quilled or tubular disc florets sometimes of the same color, sometimes otherwise. The large flowering Anemone types, all of those catalogued herein being included, are usually pinched when small, permitting four to six growths to continue until buds are formed. Disbudding is a matter of individual taste. This type of mum is of marvelous beauty and should be given consideration by those who are looking for something artistic and unusual.

## PRICE OF ROOTED CUTTINGS (Unless Quoted Otherwise)

Each .....	\$ .25
3 of One Name .....	.70
12 of One Name .....	2.25

## BRONZE

**BRONZE FRIEDA**—The same as Frieda in all respects except color. Tall. Mat. Oct. 15.

**BRONZE HELIOS**—Large bright rich bronze, excellent for cutting. Med. hgt. Mat. Nov. 5.

**BRONZE TUXEDO**—An apricot bronze sport from Tuxedo. Has the same excellent qualities of the former, differing in color only. Tall Mat. Nov. 1.

**ESTRELITA**—A buff bronze throughout, conspicuous for the great size of its regular flat disc of quilled florets as opposed to its shorter serrations of ray petals. A sturdy grower of medium hgt. Mat. Nov. 15. (See illus. page 35.)

**JEANNETTE**—Lovely soft bronze with ray petals and cushion of the same color. Blooms in great profusion. Med. hgt. Mat. Oct. 20.

**MRS. CHAS. WYLIE**—A light bronze anemone that makes a flower 5 inches in diameter when disbudded. The high cushion and ray petals are the same color. Med. hgt. Mat. Nov. 5.

## PINK

**ADMIRATION**—Lavender pink with yellow cushion. Tulip shaped. Short. Mat. Oct. 15.

**BETTY ROSE**—Bright pink ray petals and a lighter pink cushion. Flowers are 5 inches when disbudded and a little smaller when grown in sprays. Tall. Mat. Nov. 1.

**ELIZABETH**—The sharply pointed ray petals of this lovely bloom are a soft delicate pink with a lilac sheen. The tubular disc florets which form the cushion are lemon yellow in color. The color combination is indeed very striking. This flower is perhaps the largest of its type. Med. hgt. Mat. Nov. 1. (See illus. below.)

35 cents each; 3 for \$1.00

**FRIEDA**—Ranging from a deep shell pink to a deep orchid pink in accord with a corresponding moderation of high temperatures. Has small yellow cushion. Produces wide spread sprays on stiff sturdy stems. Blooms six inches in dia. when disbudded. Tall. Mat. Oct. 15.

**MRS. J. S. ROBERTS**—A combination of crimson mauve and violet. One of the largest anemones grown. Short. Mat. Nov. 10. (See illus. left).

50 cents each; 3 for \$1.35

**TUXEDO**—An exceptionally large, light pink with wide sharply pointed ray petals radiating from a flat disc of quilled florets of slightly darker shade. We can unreservedly recommend this variety as one of the most outstanding specimens of the anemone type. Tall. Mat. Nov. 1.



ELIZABETH



## WHITE

**FRANCES SCHOEN PARK** — Dazzling white ray petals with a cushion of cream white which occasionally has a soft shade of pink. It is one of the most outstanding of this type and when disbudded will compare most favorably with any exhibition Anemone, being about 6 inches across. Med. hgt. Mat. Nov. 1.

35 cents each; 3 for \$1.00

**IRENE HAYES** — White Anemone with a high cushion. Flowers are six inches when disbudded. Med. hgt. Mat. Nov. 15.

**NEVEDA** — A novelty in contrasting marking that is highly valuable for Thanksgiving use. The wax-like pure white ray petals radiate from a prominent chartreuse green cushion. Med. hgt. Mat. Nov. 20.

30 cents each; 3 for 85 cents

**SINCERITY** — White with high, rounded white cushion. Med. hgt. Mat. Oct. 25. (See illus. right.)

**SWAN** — Large beautiful white. An outstanding bloom. Tall. Mat. Dec. 10.

**WHITE FRIEDA** — The same as Frieda in all respects except color. Tall. Mat. Oct. 15.

## RED

**CHINA ROSE** — Splendid variety of the anemone type. The flower is a symphony of color in old gold and rose copper, with burnt orange. Has yellow quilled cushion. Excellent foliage. Tall. Mat. Nov. 1.

35 cents each; 3 for \$1.00

**GARNET** — Deep red intermediate anemone of good quality. Med. hgt. Mat. Nov. 5.

**MATADOR** — Large brilliant red. Outstanding when disbudded and is equally as satisfactory when grown in sprays. Tall. Mat. Dec. 5.

**MURAT** — This lovely dark red is surely a must for fall cutting. Med. hgt. Mat. Nov. 10.

**THE TITAN** — Scarlet crimson with bronze red cushion. Large blooms, stiff stem. Tall. Mat. Nov. 5. (See illus. below, right.)



THE ESTRELITA STRAIN



THE SINCERITY STRAIN

## YELLOW

**MRS. JOHN SHIELDS** — A very large deep yellow with the ray florets and the central cushion the same color. Med. hgt. Mat. Oct. 20.

**TRIUMPH** — Very large deep canary yellow with cushion of same shade. Med. hgt. Mat. Nov. 1.

**YELLOW ESTRELITA** — Large and very full. Petals and cushion deep yellow. Tall. Mat. Nov. 10. (See illus. below, left.)

**YELLOW SHASTA** — A large light yellow anemone which when disbudded produces a lovely bloom. Med. hgt. Mat. Nov. 5.

**YELLOW SINCERITY** — Sport from Sincerity. Same in all respects except color. (See illus. above.)



THE TITAN



Northland Daisies

The plants in this section are low growing, freely branching and super-hardy. They thrive equally well in the open or indoors. The flowers are single, daisy like and frost resistant. The waxlike petals are gems of perfection. The deep green foliage bears the lacquered touch of an unseen Hand.

PRICE OF ROOTED CUTTINGS  
(Unless Quoted Otherwise)

Each .....	\$ .25
3 of One Name.....	.70
1 each of the first six varieties.....	1.35

**ASTRID**—The dean of “Northland Daisies,” this semi-dwarf bears a wealth of large, shell-pink flowers. A perceptible old rose overcast lends warmth to the beauty of each delicately turned bloom. Hgt. 18 inches. Mat. Oct. 5.

**FROSTY MORN**—The blooms are very large measuring 3 inches in diameter with exceptionally wide petals. In the bud it is a bluish pink but opens to a clear white. 2 ft. high. Mat. early Oct.

**GOOD MORNING**—A rich creamy yellow replica of Astrid with all the desirable growing habits of the latter. Hgt. 18 inches. Mat. Oct. 5.

**IGLOO**—A large pure white flower of fine texture and flawless form. Hgt. 18 inches. Mat. Oct. 5.

**KRISTINA**—The bright crimson color of the opening flowers gradually settles to varying shades of rose pink. A heavy producer of 3-inch blossoms on 2-foot stems. Mat. early Oct.

**MME. GADSKI**—A lovely soft salmon pink with a double row of petals. This variety is similar in character to Astrid. The flowers have very broad petals. Very prolific. Mat. Oct. 1 on.

**OCTOBER**—Rich golden yellow with very wide petals. Handsome dark leathery foliage. Mat. Oct. 1. **50 cents each.**

“Spoon” Chrysanthemums



YOMEI

A distinctive and interesting type of flower. The petals are slender and tubular in form. The tips are open and cast in the mold of dainty, miniature spoons.

PRICE OF ROOTED CUTTINGS  
(Unless Quoted Otherwise)

Each .....	\$ .35
3 of One Name.....	1.00
1 each of any Four Varieties.....	1.25
1 each of any Seven Varieties.....	2.00
1 each of any Twelve Varieties.....	3.50

**APRICOT SPOON**—This new spoon variety has medium long apricot-bronze tubes which open at the end to show a lovely apricot-rose spoon. Unusual in its beauty. Med. hgt. Mat. Sept. 20.

**BRONZE SPOON**—Amber bronze with open red tips. Med. hgt. Mat. early Oct.

**CARDINAL SPOON**—(Lehman). Vivid blend of cardinal red and gold. Being showiest of all spoons, it is a great favorite. Med. hgt. Mat. Oct. 1.

**CHARM SPOON**—Lovely rhodonite red fading to rich rusty rose at maturity. Med. hgt. Mat. Sept. 25.

**LOVELINESS SPOON**—(Lehman). Delicately shaded lilac-pink; fairly double flowers in fine sprays. Med. hgt. Mat. Oct. 5.

**LUANA PATTEN**—One of the handsomest of the recent Spoon introductions. Flowers are produced on graceful sprays with short, brilliant red quills, opening to a very broad old gold spoon on the tip. The individual flowers are about three inches across and the reverse side of the petal is of exceptionally brilliant color. Med. hgt. Mat. Nov. 10.

**MAGENTA SPOON**—This large, 3-inch spoon type bloom flowers in profusion. The color range is from a soft tone of magenta to a deeper shade in the center. The most perfect in spoon 'Mums. Tall. Mat. Sept. 15.

**ORANGE SPOON**—(S.S.). Deep yellow orange in color. The tubular petals opening into wide spoons. Med. hgt. Mat. Nov. 10.

**ORCHID SPOON**—Airy sprays of orchid-lilac. Splendid cut flower. Med. hgt. Mat. Oct. 1.

**PAULINE**—A soft yellow throughout. Lovely delicate sprays good for cutting. Med. hgt. Mat. Nov. 5.

**RED SPOON**—Large, soft shade of bronze with long open spoon tips which show deep red within. Med. hgt. Mat. Oct. 1.

**RUBY SPOON**—Very full, deep ruby red spoon of lasting qualities. About 2 inches in diameter, in good sprays on long stiff stems. Mat. Sept. 25.





ZOLA

**SCINTILLATION**—An exquisite shade of deep orchid pink. Very full with large wide spoons of same color. When disbudded will attain size of 5 or 6 inches in diameter. Med. hgt. Mat. Oct. 20.

**WHITE SPOON**—Pure white, with an abundance of flowers 3 inches in diameter carried on good well shaped sprays. Med. hgt. Mat. Oct. 1.

**YELLOW SPOON**—Vividly alive, clear, brilliant yellow. Fine plant. Med. hgt. Mat. Oct. 1.



ANTOINETTE BUSH

(For description see page 3)

**YOMEI**—The quilled petals are golden in color and terminate in red spoon tips. Good either in sprays or disbudded. Tall. Mat. Nov. 10. (See illus. page 36.)

**ZOLA** — A large showy flower with varying shades of pink coloring. Has long slender tubes which widen out and terminate in slightly reflex spoon tips. Is best when disbudded. Med. hgt. Mat. Nov. 15. (See illus. above, left.)

## SUGGESTIONS FOR CULTURE OF CASCADES

● **FOREWCARD**—Plants to be used for cascading effects are chosen because of their natural habit of producing a bushy growth and strong, flexible stems clothed with an abundance of fluorescent splendor.

**SOILS**—Satisfactory results may be obtained by using a good, productive garden soil. Maximum results may best be had by the use of a compost prepared according to the specifications of any one of numerous formulae suitable for the purpose. We suggest that you try a mixture composed of one part well-rotted steer manure, one part thoroughly decomposed leaf mold and two parts fairly heavy loam.

**POTTING**—Upon arrival plant should be placed in a 4 or 6 inch pot, size to be determined by stage of root development. Subsequent changes to increasingly larger pots must be made as the need arises. Each change should be accomplished before roots have had an opportunity to become pot-bound. Normally, July 15th should find plant permanently established in a 10 or 12 inch pot.

**WATERING**—Space adequate for watering purposes must be left at top of pot. Watering should be attended to daily and sufficiently early to insure superficial dryness of foliage before nightfall.

**FERTILIZERS**—Although liquid fertilizers compounded from animal manure are considered old-fashioned and are in truth a bit messy in the manner of their making they are none the less effective when properly applied. Commercial fertilizers have come into general use, are readily available and convenient to handle. Your dealer is doubtless qualified to choose the one most suitable for your specific need should you elect to use some form of the latter.

**FEEDING**—The plant must be fed more or less sparingly at bi-weekly intervals. After each application of fertilizer careful study of the progress of growth being made by the plant and the condition of its foliage should give you a clue as to the amount and strength you need apply with each subsequent application. Avoid overfeeding at all times. Discontinue feeding when buds begin to show color.

**TRAINING**—By taking advantage of its natural pliability and with proper manipulation this type of plant may be trained after a fashion to suit the individual taste. The heartshaped cascade seems to be in public favor at the time and it is chiefly to the method of its training that we devote the following with a word of admonition to bear in mind the fact that the basic principle of inducing widespread growth and maximum florescence remains the same regardless of the delineation of pattern desired.

When plant is 5 or 6 inches high pinch top. From new growth reserve uppermost shoot for use as main leader. Stop remaining shoots at second or third joint. Later divide equally and train to either side of main leader. It is often desirable to use but one shoot on each side of the main leader and remove the rest.

When main leader is 12 inches high train to a firmly imbedded No. 10 galvanized wire 4 feet in length previously bent, at a point 5 inches above surface level of pot, to an angle of 45 degrees. Outer tip of wire must face to north. Tie end of main leader to supporting wire at weekly intervals.

All laterals and sublaterals should be pinched systematically at every second or third joint throughout the growing season to insure spread of growth and symmetry of form. As plant increases in width additional support is necessary for the purpose of stabilization.

To overcome the natural tendency of plant to develop blooms from extreme tip first with a perceptible movement toward base, discontinue routine pinching about Sept. 1st. On Sept. 5th complete final pinching of broadest one-third or basal division, on Sept. 10th the midsectional one-third and on Sept. 15th the final one-third.

Gradually lower main leader so that it will be in a horizontal position about Sept. 15th. When buds begin to form, with surface of plant facing south, start gradual downward bending of main leader and its support. When buds show color place on solid base at required height and bend to final vertical position.

(For descriptions of Cascades see page 26)



# GENERAL CULTURAL SUGGESTIONS

Following are a few vital facts pertinent to the subject of successful chrysanthemum culture:

**SOIL CONDITIONING**—The chrysanthemum is a gross feeder. It is, therefore, necessary that the soil in which it is to be planted contains a sufficient amount of plant food to supply, without the aid of too frequent applications of liquid or commercial fertilizer, the demands of a long growing season. If in doubt as to the fertility of your land, we suggest that you work in with it a thoroughly rotted manure, well in advance of planting date and in quantities commensurate with the soil in question. Loose, sandy soil, particularly when of a nature unquestionably deficient in organic matter, should receive a heavier application per unit of space than that required by the same unit of space in a heavier and more productive soil.

The nature and amount of plant food to be used during the growing season can best be judged by the character of your soil and the variety and condition of the plants to be treated. Avoid the hazards of over-fertilization. Discontinue feeding when buds begin to show color.

**PLANTING**—Early planting is an important factor in the timely formation of a robust root system, a prerequisite to the growth of strong, sturdy plants and quality flowers. When seasonal blooms are desired at an advanced date it is doubly important that planting be done early in order that plants may attain sufficient height to permit the taking of crown buds. (SEE BUD SELECTION.)

**WATERING**—Variation in the composition of soils and variation in climatic conditions, due to geographical differences, render the matter of watering a problem for local study and solution. However, here are a few salient points ever to be kept in mind if you are to avoid the consequences of a careless, haphazard plan of irrigation.

We cannot emphasize too strongly the necessity of keeping the roots of your plants moist at all times. To subject them to a drought, however slight, will cause a sudden check in growth, a setback that may later be responsible for a host of trouble—the appearance of rust, mildew, blighted or blackened foliage and the premature hardening of wood, premature setting of buds with a sequence of partially developed and misshapen flowers.

Avoid overwatering as it is apt to lead to equally disastrous results. Confine your irrigation activities to a time of day sufficiently early to allow superficial drying of foliage before nightfall.

**STOPPING**—When the young plant has become firmly established—normally within a period of two weeks from planting date—pinch out the top. This simple operation is known as “stopping” and will bring about the formation of three or more new shoots, the subsequent handling of which must be governed by whatever plan you may have for their future dispo-

sition. In order to dwarf your plants, make them bush out, and to increase their yield of blooms it may be necessary to “stop” them a number of times, the proper number to be determined by the particular variety of plant in need of such attention and the specific result desired.

**RESTRICTION OF LATERAL GROWTH**—A plant, when allowed to retain no more than one, two or three stems, will develop much larger blooms than it will if permitted to grow without restriction. This is especially true of the large flowering types—exhibitions, commercials, spidery sorts and some of the larger anemones.

When the plant’s energy, governed as it is by the amount of needed elements it assimilates from the soil, is used in feeding a profusion of growth, we cannot well hope to obtain maximum results as regards size, color or shape of bloom.

Excellent results may be had by raising four, six or eight disbudded blooms on plants of the larger pompon, anemone and single types suitable for the purpose, the number to be chosen varying with the type and variety of plant.

**BUD SELECTION**—Early in August many varieties produce a cluster of buds, the central and larger of which is termed the early or crown and the encircling buds vegetative. For exhibition types and many of the large commercials, it is desirable to “take” the crown bud.

While the term “take the bud” may be enshrouded in ambiguity, it simply involves the mechanics of removing the buds not to be used and reserving the one chosen as the best for development. Therefore, if you wish to “take” the crown bud, you remove the encircling buds and reserve the one in the center.

If it is desirable to use what is commonly known as the terminal bud, the foregoing operation is reversed. The central or crown bud and all but one of the encircling or vegetative buds are removed. From the remaining bud will spring a vegetative growth that will in time produce another cluster of buds, the central one of which should be “taken” or reserved and all others removed.

All crown buds, excepting those from plants of an extremely early blooming habit, appearing in the months of May, June and July, should be removed along with all excess lateral growth. It is also necessary to keep all axillary and basal growth broken out. The plant should be given a thorough going over at frequent intervals in order to keep it free from all superfluous growth, thus insuring a minimum waste of plant energy.

**SPRAYING**—The chrysanthemum is not immune to damage frequently caused by the uncontrolled activities of a variety of common insect pests; neither is it secure against the inroads of malignant fungi that may find in it a beneficent host unless preventative measures are taken. It is therefore wise and prudent to start spraying early.

## INDEX

	Page		Page		Page		Page
<b>A</b>		Autumn Rose .....	27	Bronze Frieda .....	34	Chas. W. Johnson .....	23
Admiration .....	34	Avalanche .....	27	Bronze Helios .....	34	Cherie .....	26
Agnes .....	3	Aviator .....	27	Bronze Masterpiece .....	31	China Rose .....	35
Alabaster .....	22	<b>B</b>		Bronze Mound .....	24	Chippewa .....	28
Albatross .....	20	Baby .....	33	Bronze Spoon .....	36	Chiquita .....	28
Albert Witt .....	3	Ballerina .....	9	Bronze Tuxedo .....	34	Chris Columbus .....	28
Alcade .....	22	Barcarole .....	32	Brown Button .....	33	Christina .....	20
Alex Mason .....	22	Beacon .....	27	Bunbu .....	3	Christmas Cheer .....	32
Allegro .....	27	Ben Leighton .....	12	Burma .....	28	Christmas Red .....	32
A. L. Perry .....	12	Bertha Oliver .....	3	Butterball (Com.) .....	20	Clara Trueman .....	12
Amaranth Rose .....	3	Bess Witt .....	3	Butterball (Ha.) .....	28	Clare .....	33
Amelia .....	24	Bettina .....	26	Buttercup .....	23	Columbia .....	12
Angelo .....	31	Betty .....	27	<b>C</b>		Conqueror .....	23
Anna .....	26	Betty Riley .....	22	California Red Daisy .....	25	Copper Rocket .....	3
Annette .....	33	Betty Rose .....	34	California Yellow Daisy .....	25	Coral Queen .....	23
Ann Fulton .....	33	Black Hawk .....	20	Canary Bird .....	9	Coral Sea .....	28
Antionette Bush .....	3	Blazing Gold .....	20	Cardinal Spoon .....	36	Coronation Amaranth .....	12
Apricot May Wallace .....	18	Bobette .....	33	Carnival .....	28	Coronation Buttercup .....	12
Apricot Spoon .....	36	Bokhara .....	28	Cathay .....	3	Coronation Pink .....	12
Apricot Valencia .....	25	Bonton .....	32	Cecil B. Leighton .....	12	Coronation Yellow .....	12
Arcadia .....	31	Breaking Dawn .....	26	Celestra .....	20	Cotton Top .....	33
Ariel .....	12	Bright Eyes .....	33	Champion .....	23	Country Gentlemen .....	12
Aristocrat .....	18	Bronze Doty .....	31	Charm Spoon .....	36	Country Maiden .....	12
Ashes of Roses .....	27	Bronze Early Buttercup .....	23	Chas. Nye .....	28	Courageous .....	28
Astrid .....	36	Bronze Frick .....	18			Cream Duchess .....	23
Autumn Queen .....	3					Crimson Buttercup .....	23



# BLANCHARD GARDENS

**For INSTRUCTIONS REGARDING THE SHIPMENT OF PLANTS  
SEE "TERMS OF SALE" IN OUR CATALOG, Page 2**

**WE DO NOT PAY TRANSPORTATION CHARGES**

**as we may not be able  
to ship First Choice.**

[illegible]

(over)







	Page		Page		Page		Page
<b>D</b>		Illini Snowflake	32	Mrs. J. H. Milner	23	Sawyer's Giant	29
Dainty Maid	33	Illini Velvet	32	Mrs. John Shields	35	Schweizerland	17
Dainty Rose	9	Illini Warrior	32	Mrs. J. S. Roberts	34	Scintillation	37
Dainty White	3	Indiana	23	Mrs. Pattie	23	Seafoam	32
Dame Enid Lyons	12	Indianola	18	Murat	35	Seagull	32
Dawn	31	Irene	33			September Cheer	29
Daybreak	3	Irene Hayes	35	<b>N</b>		September Cloud	29
Daydream	17	Ito Pink	4	Nagirroc	13	Sequoia	29
Dean Kay	24			Nevada	35	Shirley Higgins	25
Debutante	25	<b>J</b>		New Philadelphia	29	Silver Ball	31
Desert Maid	9	Jane Harte	26	Nuggets	33	Silver Sheen	20
Diana	31	Jean	25			Sincerity	35
Dolly Dimple	20	Jeannette	34	<b>O</b>		Snowball	24
Dorothy Dee	13	Jean Ranger	4	October	36	Snow White	20
Duchess of Kent	13	Jean Treadway	28	October Red	17	Snowy	8
<b>E</b>		Jewel	28	Olive Longland	29	Souvenir	8
Earli White	32	Jewelry	28	Orange Bowl	13	Stella	24
Early Frost	20	Judith Anderson	33	Orange Spoon	36	Stromness	20
Early Oct. Rose	18	Juliet	13	Orchid Spoon	36	Sunglow	21
Early Wonder Imp.	28	J. W. Prince	18	Oriana	10	Sunshine	25
Edith Roberts	32			<b>P</b>		Sunnyslope Bronze	18
Elegance Pink	17	<b>K</b>		Pali	7	Sunspot	10
Elegance White	13	Karl A. Reiche	28	Patricia Grace	7	Susan Leighton	8
Elizabeth	34	Katherine Louise	4	Pauline	36	Swan	35
Elora	31	Kay Tashima	4	Peace	7	Sweetheart	24
Elsie Kramer	31	Kegon No Taki	10	Peggy Ann Hoover	7	Sylvia	8
Emerald Isle	3	Korean Princess	28	Pepita	29	Symphony	29
Emperor	18	Kramer's Late Peach	25	Perfection	23		
Enchantress	18	Kristina	36	Philadelphia	29	<b>T</b>	
Ensenada	10			Pink Chief	18	Tango	31
Estrelita	34	<b>L</b>		Pink Dot	32	Tempest	24
Ethel	28	Lady Bird	5	Pink Exquisite	10	Therese	8
Exquisite	23	Late Delight	17	Pink Radinace	29	The Titan	35
<b>F</b>		Lavender Beauty	5	Pink Skiff	25	Thos. W. Pockett Imp.	13
Fair Maid	31	Lavender Lady	28	Pinocchio	33	Thyra	31
Fantasia	10	Lavender Taggarts	10	Pixie	33	Tiffany Rose	29
Fern Edwards	13	Le Pockle	23	Polar Ice	29	Tom Purvis	15
Firebird	31	Lillian Doty	31	Powder Puff	24	Triumph	35
Firefall	26	Lillian Foltz	20	Prima Donna	7	Turner Bronze	15
Flaxen Beauty	28	Limelight	10	Primrose	23	Turner Pink	15
Forward	23	Lois	33	Prince Charming	25	Turner Yellow	15
Frances Knirsch	3	Lorelei	28	Princess Irene	17	Tuxedo	34
Frances Schoen Park	35	Lorraine	5	Priscilla	31		
Frieda	34	Loveliness Spoon	36	Punch Bowl	8	<b>U</b>	
Friendly Rival	20	Louisa Pockett	13	Pure Gold	8	Una	24
Frosty Morn	36	Luana Pattern	36	Purple Cloud	25	<b>V</b>	
<b>G</b>		Lucifer	28	Purple Queen	26	Vanguard	16
Gaisford	17	Lyric	23			Venus (Com.)	20
Garnet	35	<b>M</b>		<b>Q</b>		Venus (Ha.)	30
Garnet King	20	Madeline	23	Quaker Maid	20	Victory	16
Georgina Hedinger	3	Madonna	23	Queen Cushion	24	Violet	30
Giant Clover	31	Magenta Spoon	36	Queen of Beauty	8	Vulcan	30
Gold Coast	32	Magnolia	29	Queen of Pinks	31		
Gold Dust	26	Major Cushion	24	<b>R</b>		<b>W</b>	
Golden Bronze	18	Major Edw. Bowes	18	Rayonnante	8	Waikiki	8
Golden Carpet	24	Mamoru	5	R. C. Spaargaren	17	Wanda Olmstead	16
Golden Cushion	24	Margie	29	Red Doty	31	White Beauty	16
Golden Glory	20	Maria	6	Red Finale	20	White Chief	20
Golden Hours	28	Marie Miller	13	Red Flambeau	32	White Doty	31
Golden Wonder	4	Marie Tashima	6	Red Melba	25	White Frieda	35
Gold Lode	20	Marvel	32	Red Robin	32	White Frick	20
Gold Standard	23	Mary Ann	23	Red Rust	31	White Spoon	37
Gold Treasure	28	Mary McArthur	32	Red Spoon	36	Wm. Alexander	10
Good Gracious	13	Masumi	13	Red Wing	32	Wm. Turner	16
Good Morning	36	Matador	35	Rev. Bushnell	32	Wistful	18
Gov. Green	20	Mauve	6	Revelation	32		
Grace Haynes	20	Mavcureen	23	Rhapsody	26	<b>Y</b>	
Grand Duchess	18	Mayford Pink	23	Robin Hood	32	Yamabuki	26
Greer Garson	18	Mefo	20	Roggi	17	Yellow Albatross	21
Grenadier	32	Mefo Cream	17	Romola	31	Yellow Arcadia	31
<b>H</b>		Melba	25	Romolus	13	Yellow Avalanche	30
Hallowe'en	26	Melody	6	Rosabella	18	Yellow Chief	21
Halo	23	Mikado	13	Rose Anna	18	Yellow Dot	32
Hiawatha	10	Mikado Imp.	13	Rosemary	24	Yellow Doty Imp.	31
Hilda Bergen	18	Miss Flora Bowers	20	Rose Mound	24	Yellow Early Frost	21
Hildegard	23	Miss Frances Lowe	13	Rose Pearl	31	Yellow Estrelita	35
Hillcrest Red	23	Miss Gena Harwood	6	Rosita	29	Yellow Frick	21
Hillcrest Yellow	23	Miss Helen Frick	18	Royal Apricot	8	Yellow Mefo	21
Hilo	13	Mission	32	Royal Pink	24	Yellow Pockett	16
Hurricane	17	Misty Maid	29	Royal Purple	24	Yellow Rayonnante	8
<b>I</b>		Mitsuko	7	Royalty	26	Yellow Shasta	35
Ida Skiff	25	Mme. Gadski	36	Ruby	29	Yellow Sincerity	35
Igloo	36	Mohawk Chief	20	Ruby Spoon	36	Yellow Spoon	37
Illini Gem	32	Mongol	18			Yomei	37
Illini Redhead	32	Morgan's White	7	<b>S</b>		<b>Z</b>	
Illini Skipper	32	Mrs. B. D. Spillman	13	Salmon Frieda	24	Zola	37
		Mrs. Chas. Wylie	34	Santa Claus	24		
		Mrs. Harvey S. Firestone	13	Sarah Morasch	8		
		Mrs. H. E. Kidder	20				
		Mrs. Helen K. Johnson	20				
		Mrs. J. Findlay	23				





SOUVENIR

*... Plants Ready for Delivery April 15 Through June ...*

# BLANCHARD GARDENS

CHRYSANTHEMUMS

501 S. WALNUT AVENUE, SAN DIMAS, CALIFORNIA, U. S. A.  
Telephone Lycoming 7-3891